

× and ÷ Facts

Exit Ticket 3.1: Multiply and divide by 3

Name _____ Exit Ticket 3.1

1. Count by 3s. Fill in the boxes.

3	6			15
		24		

2. Fill in each box.

$$4 \times 3 = \square \quad 30 \div 3 = \square$$
$$3 \times \square = 21 \quad \square \div 3 = 5$$

I can multiply and divide by 3.



Name _____ Exit Ticket 3.1

1. Count by 3s. Fill in the boxes.

3	6			15
		24		

2. Fill in each box.

$$4 \times 3 = \square \quad 30 \div 3 = \square$$
$$3 \times \square = 21 \quad \square \div 3 = 5$$

I can multiply and divide by 3.



Name _____ Exit Ticket 3.1

1. Count by 3s. Fill in the boxes.

3	6			15
		24		

2. Fill in each box.

$$4 \times 3 = \square \quad 30 \div 3 = \square$$
$$3 \times \square = 21 \quad \square \div 3 = 5$$

I can multiply and divide by 3.



Name _____ Exit Ticket 3.1

1. Count by 3s. Fill in the boxes.

3	6			15
		24		

2. Fill in each box.

$$4 \times 3 = \square \quad 30 \div 3 = \square$$
$$3 \times \square = 21 \quad \square \div 3 = 5$$

I can multiply and divide by 3.



× and ÷ Facts

Exit Ticket 3.2: Double the 2s to multiply by 4



Name _____ Exit Ticket 3.2

1. Double the 2s to find 4×8 .

$$2 \times 8 = \underline{\quad}$$

$$4 \times 8 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

2. Fill in each box.

$$24 \div 4 = \boxed{\quad} \quad \boxed{\quad} \times 4 = 28$$

$$4 \times \boxed{\quad} = 36 \quad 16 \div 4 = \boxed{\quad}$$

I can double a 2s
fact to multiply by 4.



Name _____ Exit Ticket 3.2

1. Double the 2s to find 4×8 .

$$2 \times 8 = \underline{\quad}$$

$$4 \times 8 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

2. Fill in each box.

$$24 \div 4 = \boxed{\quad} \quad \boxed{\quad} \times 4 = 28$$

$$4 \times \boxed{\quad} = 36 \quad 16 \div 4 = \boxed{\quad}$$

I can double a 2s
fact to multiply by 4.



Name _____ Exit Ticket 3.2

1. Double the 2s to find 4×8 .

$$2 \times 8 = \underline{\quad}$$

$$4 \times 8 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

2. Fill in each box.

$$24 \div 4 = \boxed{\quad} \quad \boxed{\quad} \times 4 = 28$$

$$4 \times \boxed{\quad} = 36 \quad 16 \div 4 = \boxed{\quad}$$

I can double a 2s
fact to multiply by 4.



Name _____ Exit Ticket 3.2

1. Double the 2s to find 4×8 .

$$2 \times 8 = \underline{\quad}$$

$$4 \times 8 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

2. Fill in each box.

$$24 \div 4 = \boxed{\quad} \quad \boxed{\quad} \times 4 = 28$$

$$4 \times \boxed{\quad} = 36 \quad 16 \div 4 = \boxed{\quad}$$

I can double a 2s
fact to multiply by 4.

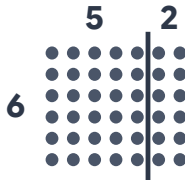


× and ÷ Facts

Exit Ticket 3.3: Break apart to multiply

Name _____ Exit Ticket 3.3

1. Find each part of the array. Add.



$$6 \times 5 = \underline{\quad\quad} \quad 6 \times 2 = \underline{\quad\quad}$$

$$6 \times 7 = \underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}$$

2. Fill in the box.

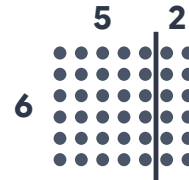
$$7 \times 9 = 7 \times 5 + 7 \times \boxed{\quad}$$

I can break a fact apart
into two facts I know.



Name _____ Exit Ticket 3.3

1. Find each part of the array. Add.



$$6 \times 5 = \underline{\quad\quad} \quad 6 \times 2 = \underline{\quad\quad}$$

$$6 \times 7 = \underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}$$

2. Fill in the box.

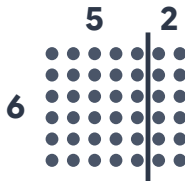
$$7 \times 9 = 7 \times 5 + 7 \times \boxed{\quad}$$

I can break a fact apart
into two facts I know.



Name _____ Exit Ticket 3.3

1. Find each part of the array. Add.



$$6 \times 5 = \underline{\quad\quad} \quad 6 \times 2 = \underline{\quad\quad}$$

$$6 \times 7 = \underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}$$

2. Fill in the box.

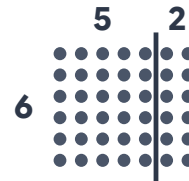
$$7 \times 9 = 7 \times 5 + 7 \times \boxed{\quad}$$

I can break a fact apart
into two facts I know.



Name _____ Exit Ticket 3.3

1. Find each part of the array. Add.



$$6 \times 5 = \underline{\quad\quad} \quad 6 \times 2 = \underline{\quad\quad}$$

$$6 \times 7 = \underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}$$

2. Fill in the box.

$$7 \times 9 = 7 \times 5 + 7 \times \boxed{\quad}$$

I can break a fact apart
into two facts I know.



× and ÷ Facts

Exit Ticket 3.4: Multiply by 6 with 5 groups and 1 more



Name _____ Exit Ticket 3.4

1. Use 5 groups to find 6 groups of 7.

$$5 \times 7 = \underline{\quad}$$

$$6 \times 7 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

2. Fill in each box.

$$6 \times \boxed{\quad} = 48 \quad \boxed{\quad} \div 6 = 9$$

$$6 \times 5 = \boxed{\quad} \quad 12 \div 6 = \boxed{\quad}$$

I can use 5 groups and 1 more group to multiply by 6.



Name _____ Exit Ticket 3.4

1. Use 5 groups to find 6 groups of 7.

$$5 \times 7 = \underline{\quad}$$

$$6 \times 7 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

2. Fill in each box.

$$6 \times \boxed{\quad} = 48 \quad \boxed{\quad} \div 6 = 9$$

$$6 \times 5 = \boxed{\quad} \quad 12 \div 6 = \boxed{\quad}$$

I can use 5 groups and 1 more group to multiply by 6.



Name _____ Exit Ticket 3.4

1. Use 5 groups to find 6 groups of 7.

$$5 \times 7 = \underline{\quad}$$

$$6 \times 7 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

2. Fill in each box.

$$6 \times \boxed{\quad} = 48 \quad \boxed{\quad} \div 6 = 9$$

$$6 \times 5 = \boxed{\quad} \quad 12 \div 6 = \boxed{\quad}$$

I can use 5 groups and 1 more group to multiply by 6.



Name _____ Exit Ticket 3.4

1. Use 5 groups to find 6 groups of 7.

$$5 \times 7 = \underline{\quad}$$

$$6 \times 7 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

2. Fill in each box.

$$6 \times \boxed{\quad} = 48 \quad \boxed{\quad} \div 6 = 9$$

$$6 \times 5 = \boxed{\quad} \quad 12 \div 6 = \boxed{\quad}$$

I can use 5 groups and 1 more group to multiply by 6.



× and ÷ Facts

Exit Ticket 3.5: Multiply and divide by 7



Name _____ Exit Ticket 3.5

1. Fill in each box.

$$8 \times 7 = \square \quad \square \div 7 = 6$$

2. Write the fact family for the triangle.

	_____	×	_____	=	_____
	_____	×	_____	=	_____
	_____	÷	_____	=	_____
	_____	÷	_____	=	_____

I can multiply and divide by 7.



Name _____ Exit Ticket 3.5

1. Fill in each box.

$$8 \times 7 = \square \quad \square \div 7 = 6$$

2. Write the fact family for the triangle.

	_____	×	_____	=	_____
	_____	×	_____	=	_____
	_____	÷	_____	=	_____
	_____	÷	_____	=	_____

I can multiply and divide by 7.



Name _____ Exit Ticket 3.5

1. Fill in each box.

$$8 \times 7 = \square \quad \square \div 7 = 6$$

2. Write the fact family for the triangle.

	_____	×	_____	=	_____
	_____	×	_____	=	_____
	_____	÷	_____	=	_____
	_____	÷	_____	=	_____

I can multiply and divide by 7.



Name _____ Exit Ticket 3.5

1. Fill in each box.

$$8 \times 7 = \square \quad \square \div 7 = 6$$

2. Write the fact family for the triangle.

	_____	×	_____	=	_____
	_____	×	_____	=	_____
	_____	÷	_____	=	_____
	_____	÷	_____	=	_____

I can multiply and divide by 7.



× and ÷ Facts

Exit Ticket 3.6: Double the 4s to multiply by 8



Name _____ Exit Ticket 3.6

1. Double the 4s to find 8×7 .

$$4 \times 7 = \underline{\quad}$$

$$8 \times 7 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

2. Fill in each box.

$$8 \times \boxed{\quad} = 72$$

$$\boxed{\quad} \div 8 = 4$$

$$8 \times 6 = \boxed{\quad}$$

$$16 \div 8 = \boxed{\quad}$$

I can double a 4s
fact to multiply by 8.



Name _____ Exit Ticket 3.6

1. Double the 4s to find 8×7 .

$$4 \times 7 = \underline{\quad}$$

$$8 \times 7 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

2. Fill in each box.

$$8 \times \boxed{\quad} = 72$$

$$\boxed{\quad} \div 8 = 4$$

$$8 \times 6 = \boxed{\quad}$$

$$16 \div 8 = \boxed{\quad}$$

I can double a 4s
fact to multiply by 8.



Name _____ Exit Ticket 3.6

1. Double the 4s to find 8×7 .

$$4 \times 7 = \underline{\quad}$$

$$8 \times 7 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

2. Fill in each box.

$$8 \times \boxed{\quad} = 72$$

$$\boxed{\quad} \div 8 = 4$$

$$8 \times 6 = \boxed{\quad}$$

$$16 \div 8 = \boxed{\quad}$$

I can double a 4s
fact to multiply by 8.



Name _____ Exit Ticket 3.6

1. Double the 4s to find 8×7 .

$$4 \times 7 = \underline{\quad}$$

$$8 \times 7 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

2. Fill in each box.

$$8 \times \boxed{\quad} = 72$$

$$\boxed{\quad} \div 8 = 4$$

$$8 \times 6 = \boxed{\quad}$$

$$16 \div 8 = \boxed{\quad}$$

I can double a 4s
fact to multiply by 8.



× and ÷ Facts

Exit Ticket 3.7: Multiply by 9 with 10 groups minus 1



Name _____ Exit Ticket 3.7

1. Use 10 groups to find 9 groups of 9.

$$10 \times 9 = \underline{\quad}$$

$$9 \times 9 = \underline{\quad} - \underline{\quad} = \underline{\quad}$$

2. Fill in each box.

$$\square \times 9 = 36$$

$$\square \div 9 = 7$$

$$9 \times 6 = \square$$

$$18 \div 9 = \square$$

I can use 10 groups minus
1 group to multiply by 9.



Name _____ Exit Ticket 3.7

1. Use 10 groups to find 9 groups of 9.

$$10 \times 9 = \underline{\quad}$$

$$9 \times 9 = \underline{\quad} - \underline{\quad} = \underline{\quad}$$

2. Fill in each box.

$$\square \times 9 = 36$$

$$\square \div 9 = 7$$

$$9 \times 6 = \square$$

$$18 \div 9 = \square$$

I can use 10 groups minus
1 group to multiply by 9.



Name _____ Exit Ticket 3.7

1. Use 10 groups to find 9 groups of 9.

$$10 \times 9 = \underline{\quad}$$

$$9 \times 9 = \underline{\quad} - \underline{\quad} = \underline{\quad}$$

2. Fill in each box.

$$\square \times 9 = 36$$

$$\square \div 9 = 7$$

$$9 \times 6 = \square$$

$$18 \div 9 = \square$$

I can use 10 groups minus
1 group to multiply by 9.



Name _____ Exit Ticket 3.7

1. Use 10 groups to find 9 groups of 9.

$$10 \times 9 = \underline{\quad}$$

$$9 \times 9 = \underline{\quad} - \underline{\quad} = \underline{\quad}$$

2. Fill in each box.

$$\square \times 9 = 36$$

$$\square \div 9 = 7$$

$$9 \times 6 = \square$$

$$18 \div 9 = \square$$

I can use 10 groups minus
1 group to multiply by 9.



× and ÷ Facts

Exit Ticket 3.8: Group three factors



Name _____ Exit Ticket 3.8

1. Group the factors two ways. Multiply.

$$(2 \times 2) \times 9 = \underline{\quad} \times 9 = \underline{\quad}$$

$$2 \times (2 \times 9) = 2 \times \underline{\quad} = \underline{\quad}$$

2. Multiply. Group two factors first.

$$3 \times 3 \times 2 = \boxed{\quad} \quad 4 \times 2 \times 4 = \boxed{\quad}$$

I can group three factors
to make multiplying easier.



Name _____ Exit Ticket 3.8

1. Group the factors two ways. Multiply.

$$(2 \times 2) \times 9 = \underline{\quad} \times 9 = \underline{\quad}$$

$$2 \times (2 \times 9) = 2 \times \underline{\quad} = \underline{\quad}$$

2. Multiply. Group two factors first.

$$3 \times 3 \times 2 = \boxed{\quad} \quad 4 \times 2 \times 4 = \boxed{\quad}$$

I can group three factors
to make multiplying easier.



Name _____ Exit Ticket 3.8

1. Group the factors two ways. Multiply.

$$(2 \times 2) \times 9 = \underline{\quad} \times 9 = \underline{\quad}$$

$$2 \times (2 \times 9) = 2 \times \underline{\quad} = \underline{\quad}$$

2. Multiply. Group two factors first.

$$3 \times 3 \times 2 = \boxed{\quad} \quad 4 \times 2 \times 4 = \boxed{\quad}$$

I can group three factors
to make multiplying easier.



Name _____ Exit Ticket 3.8

1. Group the factors two ways. Multiply.

$$(2 \times 2) \times 9 = \underline{\quad} \times 9 = \underline{\quad}$$

$$2 \times (2 \times 9) = 2 \times \underline{\quad} = \underline{\quad}$$

2. Multiply. Group two factors first.

$$3 \times 3 \times 2 = \boxed{\quad} \quad 4 \times 2 \times 4 = \boxed{\quad}$$

I can group three factors
to make multiplying easier.



× and ÷ Facts

Exit Ticket 3.9: Multiplication facts from memory



Name _____ Exit Ticket 3.9

1. Multiply.

$6 \times 8 = \underline{\quad}$

$9 \times 8 = \underline{\quad}$

$4 \times 9 = \underline{\quad}$

$7 \times 5 = \underline{\quad}$

$7 \times 3 = \underline{\quad}$

$4 \times 6 = \underline{\quad}$

2. Fill in each box.

$\square \times 7 = 56$

$9 \times \square = 81$

I can say multiplication facts from memory.



Name _____ Exit Ticket 3.9

1. Multiply.

$6 \times 8 = \underline{\quad}$

$9 \times 8 = \underline{\quad}$

$4 \times 9 = \underline{\quad}$

$7 \times 5 = \underline{\quad}$

$7 \times 3 = \underline{\quad}$

$4 \times 6 = \underline{\quad}$

2. Fill in each box.

$\square \times 7 = 56$

$9 \times \square = 81$

I can say multiplication facts from memory.



Name _____ Exit Ticket 3.9

1. Multiply.

$6 \times 8 = \underline{\quad}$

$9 \times 8 = \underline{\quad}$

$4 \times 9 = \underline{\quad}$

$7 \times 5 = \underline{\quad}$

$7 \times 3 = \underline{\quad}$

$4 \times 6 = \underline{\quad}$

2. Fill in each box.

$\square \times 7 = 56$

$9 \times \square = 81$

I can say multiplication facts from memory.



Name _____ Exit Ticket 3.9

1. Multiply.

$6 \times 8 = \underline{\quad}$

$9 \times 8 = \underline{\quad}$

$4 \times 9 = \underline{\quad}$

$7 \times 5 = \underline{\quad}$

$7 \times 3 = \underline{\quad}$

$4 \times 6 = \underline{\quad}$

2. Fill in each box.

$\square \times 7 = 56$

$9 \times \square = 81$

I can say multiplication facts from memory.



× and ÷ Facts

Exit Ticket 3.10: Division facts from memory



Name _____ Exit Ticket 3.10

1. Divide.

$54 \div 6 = \underline{\quad}$

$48 \div 8 = \underline{\quad}$

$63 \div 9 = \underline{\quad}$

$32 \div 4 = \underline{\quad}$

$30 \div 6 = \underline{\quad}$

$14 \div 7 = \underline{\quad}$

2. Fill in each box.

$56 \div \boxed{} = 8$

$\boxed{} \div 6 = 7$

I can say division facts from memory.



Name _____ Exit Ticket 3.10

1. Divide.

$54 \div 6 = \underline{\quad}$

$48 \div 8 = \underline{\quad}$

$63 \div 9 = \underline{\quad}$

$32 \div 4 = \underline{\quad}$

$30 \div 6 = \underline{\quad}$

$14 \div 7 = \underline{\quad}$

2. Fill in each box.

$56 \div \boxed{} = 8$

$\boxed{} \div 6 = 7$

I can say division facts from memory.



Name _____ Exit Ticket 3.10

1. Divide.

$54 \div 6 = \underline{\quad}$

$48 \div 8 = \underline{\quad}$

$63 \div 9 = \underline{\quad}$

$32 \div 4 = \underline{\quad}$

$30 \div 6 = \underline{\quad}$

$14 \div 7 = \underline{\quad}$

2. Fill in each box.

$56 \div \boxed{} = 8$

$\boxed{} \div 6 = 7$

I can say division facts from memory.



Name _____ Exit Ticket 3.10

1. Divide.

$54 \div 6 = \underline{\quad}$

$48 \div 8 = \underline{\quad}$

$63 \div 9 = \underline{\quad}$

$32 \div 4 = \underline{\quad}$

$30 \div 6 = \underline{\quad}$

$14 \div 7 = \underline{\quad}$

2. Fill in each box.

$56 \div \boxed{} = 8$

$\boxed{} \div 6 = 7$

I can say division facts from memory.



× and ÷ Facts

Exit Ticket 3.11: Facts with 11 and 12



Name _____ Exit Ticket 3.11

1. Break 12 into 10 and 2 to find 12×6 .

$$10 \times 6 = \underline{\quad}$$

$$2 \times 6 = \underline{\quad}$$

$$12 \times 6 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

2. Fill in each box.

$$11 \times 9 = \boxed{\quad} \quad 48 \div 12 = \boxed{\quad}$$

I can multiply and divide with 11 and 12.



Name _____ Exit Ticket 3.11

1. Break 12 into 10 and 2 to find 12×6 .

$$10 \times 6 = \underline{\quad}$$

$$2 \times 6 = \underline{\quad}$$

$$12 \times 6 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

2. Fill in each box.

$$11 \times 9 = \boxed{\quad} \quad 48 \div 12 = \boxed{\quad}$$

I can multiply and divide with 11 and 12.



Name _____ Exit Ticket 3.11

1. Break 12 into 10 and 2 to find 12×6 .

$$10 \times 6 = \underline{\quad}$$

$$2 \times 6 = \underline{\quad}$$

$$12 \times 6 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

2. Fill in each box.

$$11 \times 9 = \boxed{\quad} \quad 48 \div 12 = \boxed{\quad}$$

I can multiply and divide with 11 and 12.



Name _____ Exit Ticket 3.11

1. Break 12 into 10 and 2 to find 12×6 .

$$10 \times 6 = \underline{\quad}$$

$$2 \times 6 = \underline{\quad}$$

$$12 \times 6 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

2. Fill in each box.

$$11 \times 9 = \boxed{\quad} \quad 48 \div 12 = \boxed{\quad}$$

I can multiply and divide with 11 and 12.



× and ÷ Facts

Exit Ticket 3.1: Multiply and divide by 3

Name _____ Exit Ticket 3.1

1. Count by 3s. Fill in the boxes.

3	6	9	12	15
18	21	24	27	30

2. Fill in each box.

$4 \times 3 = 12$

$30 \div 3 = 10$

$3 \times 7 = 21$

$15 \div 3 = 5$

I can multiply and divide by 3.



Name _____ Exit Ticket 3.1

1. Count by 3s. Fill in the boxes.

3	6	9	12	15
18	21	24	27	30

2. Fill in each box.

$4 \times 3 = 12$

$30 \div 3 = 10$

$3 \times 7 = 21$

$15 \div 3 = 5$

I can multiply and divide by 3.



Name _____ Exit Ticket 3.1

1. Count by 3s. Fill in the boxes.

3	6	9	12	15
18	21	24	27	30

2. Fill in each box.

$4 \times 3 = 12$

$30 \div 3 = 10$

$3 \times 7 = 21$

$15 \div 3 = 5$

I can multiply and divide by 3.



Name _____ Exit Ticket 3.1

1. Count by 3s. Fill in the boxes.

3	6	9	12	15
18	21	24	27	30

2. Fill in each box.

$4 \times 3 = 12$

$30 \div 3 = 10$

$3 \times 7 = 21$

$15 \div 3 = 5$

I can multiply and divide by 3.



× and ÷ Facts

Exit Ticket 3.2: Double the 2s to multiply by 4



Name _____ Exit Ticket 3.2

1. Double the 2s to find 4×8 .

$$2 \times 8 = \underline{16}$$

$$4 \times 8 = \underline{16} + \underline{16} = \underline{32}$$

2. Fill in each box.

$$24 \div 4 = \boxed{6} \quad \boxed{7} \times 4 = 28$$

$$4 \times \boxed{9} = 36 \quad 16 \div 4 = \boxed{4}$$

I can double a 2s
fact to multiply by 4.



Name _____ Exit Ticket 3.2

1. Double the 2s to find 4×8 .

$$2 \times 8 = \underline{16}$$

$$4 \times 8 = \underline{16} + \underline{16} = \underline{32}$$

2. Fill in each box.

$$24 \div 4 = \boxed{6} \quad \boxed{7} \times 4 = 28$$

$$4 \times \boxed{9} = 36 \quad 16 \div 4 = \boxed{4}$$

I can double a 2s
fact to multiply by 4.



Name _____ Exit Ticket 3.2

1. Double the 2s to find 4×8 .

$$2 \times 8 = \underline{16}$$

$$4 \times 8 = \underline{16} + \underline{16} = \underline{32}$$

2. Fill in each box.

$$24 \div 4 = \boxed{6} \quad \boxed{7} \times 4 = 28$$

$$4 \times \boxed{9} = 36 \quad 16 \div 4 = \boxed{4}$$

I can double a 2s
fact to multiply by 4.



Name _____ Exit Ticket 3.2

1. Double the 2s to find 4×8 .

$$2 \times 8 = \underline{16}$$

$$4 \times 8 = \underline{16} + \underline{16} = \underline{32}$$

2. Fill in each box.

$$24 \div 4 = \boxed{6} \quad \boxed{7} \times 4 = 28$$

$$4 \times \boxed{9} = 36 \quad 16 \div 4 = \boxed{4}$$

I can double a 2s
fact to multiply by 4.

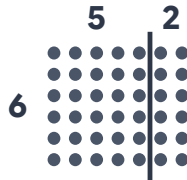


× and ÷ Facts

Exit Ticket 3.3: Break apart to multiply

Name _____ Exit Ticket 3.3

1. Find each part of the array. Add.



$$6 \times 5 = \underline{30} \quad 6 \times 2 = \underline{12}$$

$$6 \times 7 = \underline{30} + \underline{12} = \underline{42}$$

2. Fill in the box.

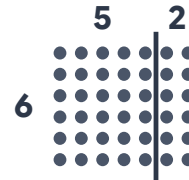
$$7 \times 9 = 7 \times 5 + 7 \times \boxed{4}$$

I can break a fact apart
into two facts I know.



Name _____ Exit Ticket 3.3

1. Find each part of the array. Add.



$$6 \times 5 = \underline{30} \quad 6 \times 2 = \underline{12}$$

$$6 \times 7 = \underline{30} + \underline{12} = \underline{42}$$

2. Fill in the box.

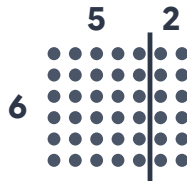
$$7 \times 9 = 7 \times 5 + 7 \times \boxed{4}$$

I can break a fact apart
into two facts I know.



Name _____ Exit Ticket 3.3

1. Find each part of the array. Add.



$$6 \times 5 = \underline{30} \quad 6 \times 2 = \underline{12}$$

$$6 \times 7 = \underline{30} + \underline{12} = \underline{42}$$

2. Fill in the box.

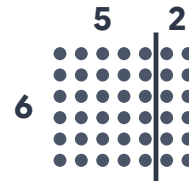
$$7 \times 9 = 7 \times 5 + 7 \times \boxed{4}$$

I can break a fact apart
into two facts I know.



Name _____ Exit Ticket 3.3

1. Find each part of the array. Add.



$$6 \times 5 = \underline{30} \quad 6 \times 2 = \underline{12}$$

$$6 \times 7 = \underline{30} + \underline{12} = \underline{42}$$

2. Fill in the box.

$$7 \times 9 = 7 \times 5 + 7 \times \boxed{4}$$

I can break a fact apart
into two facts I know.



× and ÷ Facts

Exit Ticket 3.4: Multiply by 6 with 5 groups and 1 more

Name _____ Exit Ticket 3.4

1. Use 5 groups to find 6 groups of 7.

$$5 \times 7 = \underline{35}$$

$$6 \times 7 = \underline{35} + \underline{7} = \underline{42}$$

2. Fill in each box.

$$6 \times \boxed{8} = 48 \quad \boxed{54} \div 6 = 9$$

$$6 \times 5 = \boxed{30} \quad 12 \div 6 = \boxed{2}$$

I can use 5 groups and 1 more group to multiply by 6.



Name _____ Exit Ticket 3.4

1. Use 5 groups to find 6 groups of 7.

$$5 \times 7 = \underline{35}$$

$$6 \times 7 = \underline{35} + \underline{7} = \underline{42}$$

2. Fill in each box.

$$6 \times \boxed{8} = 48 \quad \boxed{54} \div 6 = 9$$

$$6 \times 5 = \boxed{30} \quad 12 \div 6 = \boxed{2}$$

I can use 5 groups and 1 more group to multiply by 6.



Name _____ Exit Ticket 3.4

1. Use 5 groups to find 6 groups of 7.

$$5 \times 7 = \underline{35}$$

$$6 \times 7 = \underline{35} + \underline{7} = \underline{42}$$

2. Fill in each box.

$$6 \times \boxed{8} = 48 \quad \boxed{54} \div 6 = 9$$

$$6 \times 5 = \boxed{30} \quad 12 \div 6 = \boxed{2}$$

I can use 5 groups and 1 more group to multiply by 6.



Name _____ Exit Ticket 3.4

1. Use 5 groups to find 6 groups of 7.

$$5 \times 7 = \underline{35}$$

$$6 \times 7 = \underline{35} + \underline{7} = \underline{42}$$

2. Fill in each box.

$$6 \times \boxed{8} = 48 \quad \boxed{54} \div 6 = 9$$

$$6 \times 5 = \boxed{30} \quad 12 \div 6 = \boxed{2}$$

I can use 5 groups and 1 more group to multiply by 6.



× and ÷ Facts

Exit Ticket 3.5: Multiply and divide by 7

Name _____ Exit Ticket 3.5

1. Fill in each box.

$$8 \times 7 = \boxed{56} \quad \boxed{42} \div 7 = 6$$

2. Write the fact family for the triangle.



$$\begin{array}{rcl} 7 & \times & 9 = 63 \\ 9 & \times & 7 = 63 \\ 63 & \div & 7 = 9 \\ 63 & \div & 9 = 7 \end{array}$$

I can multiply and divide by 7.   

Name _____ Exit Ticket 3.5

1. Fill in each box.

$$8 \times 7 = \boxed{56} \quad \boxed{42} \div 7 = 6$$

2. Write the fact family for the triangle.



$$\begin{array}{rcl} 7 & \times & 9 = 63 \\ 9 & \times & 7 = 63 \\ 63 & \div & 7 = 9 \\ 63 & \div & 9 = 7 \end{array}$$

I can multiply and divide by 7.   

Name _____ Exit Ticket 3.5

1. Fill in each box.

$$8 \times 7 = \boxed{56} \quad \boxed{42} \div 7 = 6$$

2. Write the fact family for the triangle.



$$\begin{array}{rcl} 7 & \times & 9 = 63 \\ 9 & \times & 7 = 63 \\ 63 & \div & 7 = 9 \\ 63 & \div & 9 = 7 \end{array}$$

I can multiply and divide by 7.   

Name _____ Exit Ticket 3.5

1. Fill in each box.

$$8 \times 7 = \boxed{56} \quad \boxed{42} \div 7 = 6$$

2. Write the fact family for the triangle.



$$\begin{array}{rcl} 7 & \times & 9 = 63 \\ 9 & \times & 7 = 63 \\ 63 & \div & 7 = 9 \\ 63 & \div & 9 = 7 \end{array}$$

I can multiply and divide by 7.   

× and ÷ Facts

Exit Ticket 3.6: Double the 4s to multiply by 8

Name _____ Exit Ticket 3.6

1. Double the 4s to find 8×7 .

$$4 \times 7 = \underline{28}$$

$$8 \times 7 = \underline{28} + \underline{28} = \underline{56}$$

2. Fill in each box.

$$8 \times \boxed{9} = 72$$

$$\boxed{32} \div 8 = 4$$

$$8 \times 6 = \boxed{48}$$

$$16 \div 8 = \boxed{2}$$

I can double a 4s
fact to multiply by 8.



Name _____ Exit Ticket 3.6

1. Double the 4s to find 8×7 .

$$4 \times 7 = \underline{28}$$

$$8 \times 7 = \underline{28} + \underline{28} = \underline{56}$$

2. Fill in each box.

$$8 \times \boxed{9} = 72$$

$$\boxed{32} \div 8 = 4$$

$$8 \times 6 = \boxed{48}$$

$$16 \div 8 = \boxed{2}$$

I can double a 4s
fact to multiply by 8.



Name _____ Exit Ticket 3.6

1. Double the 4s to find 8×7 .

$$4 \times 7 = \underline{28}$$

$$8 \times 7 = \underline{28} + \underline{28} = \underline{56}$$

2. Fill in each box.

$$8 \times \boxed{9} = 72$$

$$\boxed{32} \div 8 = 4$$

$$8 \times 6 = \boxed{48}$$

$$16 \div 8 = \boxed{2}$$

I can double a 4s
fact to multiply by 8.



Name _____ Exit Ticket 3.6

1. Double the 4s to find 8×7 .

$$4 \times 7 = \underline{28}$$

$$8 \times 7 = \underline{28} + \underline{28} = \underline{56}$$

2. Fill in each box.

$$8 \times \boxed{9} = 72$$

$$\boxed{32} \div 8 = 4$$

$$8 \times 6 = \boxed{48}$$

$$16 \div 8 = \boxed{2}$$

I can double a 4s
fact to multiply by 8.



× and ÷ Facts

Exit Ticket 3.7: Multiply by 9 with 10 groups minus 1



Name _____ Exit Ticket 3.7

1. Use 10 groups to find 9 groups of 9.

$$10 \times 9 = \underline{90}$$

$$9 \times 9 = \underline{90} - \underline{9} = \underline{81}$$

2. Fill in each box.

$$\boxed{4} \times 9 = 36$$

$$\boxed{63} \div 9 = 7$$

$$9 \times 6 = \boxed{54}$$

$$18 \div 9 = \boxed{2}$$

I can use 10 groups minus 1 group to multiply by 9.



Name _____ Exit Ticket 3.7

1. Use 10 groups to find 9 groups of 9.

$$10 \times 9 = \underline{90}$$

$$9 \times 9 = \underline{90} - \underline{9} = \underline{81}$$

2. Fill in each box.

$$\boxed{4} \times 9 = 36$$

$$\boxed{63} \div 9 = 7$$

$$9 \times 6 = \boxed{54}$$

$$18 \div 9 = \boxed{2}$$

I can use 10 groups minus 1 group to multiply by 9.



Name _____ Exit Ticket 3.7

1. Use 10 groups to find 9 groups of 9.

$$10 \times 9 = \underline{90}$$

$$9 \times 9 = \underline{90} - \underline{9} = \underline{81}$$

2. Fill in each box.

$$\boxed{4} \times 9 = 36$$

$$\boxed{63} \div 9 = 7$$

$$9 \times 6 = \boxed{54}$$

$$18 \div 9 = \boxed{2}$$

I can use 10 groups minus 1 group to multiply by 9.



Name _____ Exit Ticket 3.7

1. Use 10 groups to find 9 groups of 9.

$$10 \times 9 = \underline{90}$$

$$9 \times 9 = \underline{90} - \underline{9} = \underline{81}$$

2. Fill in each box.

$$\boxed{4} \times 9 = 36$$

$$\boxed{63} \div 9 = 7$$

$$9 \times 6 = \boxed{54}$$

$$18 \div 9 = \boxed{2}$$

I can use 10 groups minus 1 group to multiply by 9.



× and ÷ Facts

Exit Ticket 3.8: Group three factors



Name _____ Exit Ticket 3.8

1. Group the factors two ways. Multiply.

$$(2 \times 2) \times 9 = \underline{4} \times 9 = \underline{36}$$

$$2 \times (2 \times 9) = 2 \times \underline{18} = \underline{36}$$

2. Multiply. Group two factors first.

$$3 \times 3 \times 2 = \boxed{18} \quad 4 \times 2 \times 4 = \boxed{32}$$

I can group three factors
to make multiplying easier.



Name _____ Exit Ticket 3.8

1. Group the factors two ways. Multiply.

$$(2 \times 2) \times 9 = \underline{4} \times 9 = \underline{36}$$

$$2 \times (2 \times 9) = 2 \times \underline{18} = \underline{36}$$

2. Multiply. Group two factors first.

$$3 \times 3 \times 2 = \boxed{18} \quad 4 \times 2 \times 4 = \boxed{32}$$

I can group three factors
to make multiplying easier.



Name _____ Exit Ticket 3.8

1. Group the factors two ways. Multiply.

$$(2 \times 2) \times 9 = \underline{4} \times 9 = \underline{36}$$

$$2 \times (2 \times 9) = 2 \times \underline{18} = \underline{36}$$

2. Multiply. Group two factors first.

$$3 \times 3 \times 2 = \boxed{18} \quad 4 \times 2 \times 4 = \boxed{32}$$

I can group three factors
to make multiplying easier.



Name _____ Exit Ticket 3.8

1. Group the factors two ways. Multiply.

$$(2 \times 2) \times 9 = \underline{4} \times 9 = \underline{36}$$

$$2 \times (2 \times 9) = 2 \times \underline{18} = \underline{36}$$

2. Multiply. Group two factors first.

$$3 \times 3 \times 2 = \boxed{18} \quad 4 \times 2 \times 4 = \boxed{32}$$

I can group three factors
to make multiplying easier.



× and ÷ Facts

Exit Ticket 3.9: Multiplication facts from memory



Name _____ Exit Ticket 3.9

1. Multiply.

$6 \times 8 = \underline{48}$

$9 \times 8 = \underline{72}$

$4 \times 9 = \underline{36}$

$7 \times 5 = \underline{35}$

$7 \times 3 = \underline{21}$

$4 \times 6 = \underline{24}$

2. Fill in each box.

$\boxed{8} \times 7 = 56$

$9 \times \boxed{9} = 81$

I can say multiplication facts from memory.



Name _____ Exit Ticket 3.9

1. Multiply.

$6 \times 8 = \underline{48}$

$9 \times 8 = \underline{72}$

$4 \times 9 = \underline{36}$

$7 \times 5 = \underline{35}$

$7 \times 3 = \underline{21}$

$4 \times 6 = \underline{24}$

2. Fill in each box.

$\boxed{8} \times 7 = 56$

$9 \times \boxed{9} = 81$

I can say multiplication facts from memory.



Name _____ Exit Ticket 3.9

1. Multiply.

$6 \times 8 = \underline{48}$

$9 \times 8 = \underline{72}$

$4 \times 9 = \underline{36}$

$7 \times 5 = \underline{35}$

$7 \times 3 = \underline{21}$

$4 \times 6 = \underline{24}$

2. Fill in each box.

$\boxed{8} \times 7 = 56$

$9 \times \boxed{9} = 81$

I can say multiplication facts from memory.



Name _____ Exit Ticket 3.9

1. Multiply.

$6 \times 8 = \underline{48}$

$9 \times 8 = \underline{72}$

$4 \times 9 = \underline{36}$

$7 \times 5 = \underline{35}$

$7 \times 3 = \underline{21}$

$4 \times 6 = \underline{24}$

2. Fill in each box.

$\boxed{8} \times 7 = 56$

$9 \times \boxed{9} = 81$

I can say multiplication facts from memory.



× and ÷ Facts

Exit Ticket 3.10: Division facts from memory



Name _____ Exit Ticket 3.10

1. Divide.

$54 \div 6 = \underline{9}$

$48 \div 8 = \underline{6}$

$63 \div 9 = \underline{7}$

$32 \div 4 = \underline{8}$

$30 \div 6 = \underline{5}$

$14 \div 7 = \underline{2}$

2. Fill in each box.

$56 \div \boxed{7} = 8$

$\boxed{42} \div 6 = 7$

I can say division facts from memory.



Name _____ Exit Ticket 3.10

1. Divide.

$54 \div 6 = \underline{9}$

$48 \div 8 = \underline{6}$

$63 \div 9 = \underline{7}$

$32 \div 4 = \underline{8}$

$30 \div 6 = \underline{5}$

$14 \div 7 = \underline{2}$

2. Fill in each box.

$56 \div \boxed{7} = 8$

$\boxed{42} \div 6 = 7$

I can say division facts from memory.



Name _____ Exit Ticket 3.10

1. Divide.

$54 \div 6 = \underline{9}$

$48 \div 8 = \underline{6}$

$63 \div 9 = \underline{7}$

$32 \div 4 = \underline{8}$

$30 \div 6 = \underline{5}$

$14 \div 7 = \underline{2}$

2. Fill in each box.

$56 \div \boxed{7} = 8$

$\boxed{42} \div 6 = 7$

I can say division facts from memory.



Name _____ Exit Ticket 3.10

1. Divide.

$54 \div 6 = \underline{9}$

$48 \div 8 = \underline{6}$

$63 \div 9 = \underline{7}$

$32 \div 4 = \underline{8}$

$30 \div 6 = \underline{5}$

$14 \div 7 = \underline{2}$

2. Fill in each box.

$56 \div \boxed{7} = 8$

$\boxed{42} \div 6 = 7$

I can say division facts from memory.



× and ÷ Facts

Exit Ticket 3.11: Facts with 11 and 12



Name _____ Exit Ticket 3.11

1. Break 12 into 10 and 2 to find 12×6 .

$$10 \times 6 = \underline{60}$$

$$2 \times 6 = \underline{12}$$

$$12 \times 6 = \underline{60} + \underline{12} = \underline{72}$$

2. Fill in each box.

$$11 \times 9 = \boxed{99} \quad 48 \div 12 = \boxed{4}$$

I can multiply and divide with 11 and 12.



Name _____ Exit Ticket 3.11

1. Break 12 into 10 and 2 to find 12×6 .

$$10 \times 6 = \underline{60}$$

$$2 \times 6 = \underline{12}$$

$$12 \times 6 = \underline{60} + \underline{12} = \underline{72}$$

2. Fill in each box.

$$11 \times 9 = \boxed{99} \quad 48 \div 12 = \boxed{4}$$

I can multiply and divide with 11 and 12.



Name _____ Exit Ticket 3.11

1. Break 12 into 10 and 2 to find 12×6 .

$$10 \times 6 = \underline{60}$$

$$2 \times 6 = \underline{12}$$

$$12 \times 6 = \underline{60} + \underline{12} = \underline{72}$$

2. Fill in each box.

$$11 \times 9 = \boxed{99} \quad 48 \div 12 = \boxed{4}$$

I can multiply and divide with 11 and 12.



Name _____ Exit Ticket 3.11

1. Break 12 into 10 and 2 to find 12×6 .

$$10 \times 6 = \underline{60}$$

$$2 \times 6 = \underline{12}$$

$$12 \times 6 = \underline{60} + \underline{12} = \underline{72}$$

2. Fill in each box.

$$11 \times 9 = \boxed{99} \quad 48 \div 12 = \boxed{4}$$

I can multiply and divide with 11 and 12.

