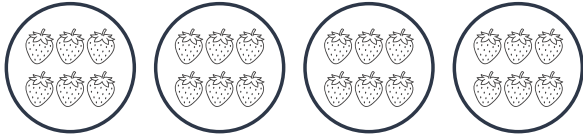


Multiplication

Unit Test, Form A (page 1 of 2)

Score _____ / 11

1. How many groups? How many in each? How many in all?



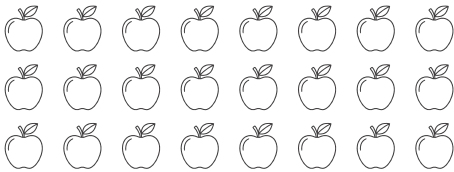
_____ groups of _____
_____ in all

2. Draw equal groups to show 3×6 . Then multiply.



$$3 \times 6 = \underline{\hspace{2cm}}$$

3. Fill in the blanks for the array.



_____ rows of _____
_____ $\times$ _____ = _____

4. Skip count by 3s to find 7×3 .



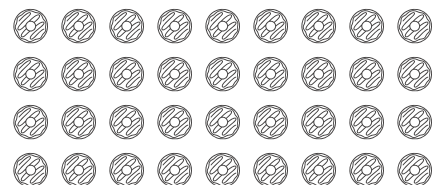
$$7 \times 3 = \underline{\hspace{2cm}}$$

5. Write the multiplication sentence for the jumps.



$$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

6. Write a sentence for the rows and one for the columns.



Rows: _____ $\times$ _____ = _____

Columns: _____ $\times$ _____ = _____

Multiplication

Unit Test, Form A (page 2 of 2)

7. Multiply.

$2 \times 7 = \underline{\quad\quad}$ $7 \times 5 = \underline{\quad\quad}$

$8 \times 2 = \underline{\quad\quad}$ $10 \times 6 = \underline{\quad\quad}$

$5 \times 8 = \underline{\quad\quad}$ $9 \times 10 = \underline{\quad\quad}$

8. Fill in each box.

$0 \times 8 = \boxed{\quad}$ $7 \times 1 = \boxed{\quad}$

$1 \times 6 = \boxed{\quad}$ $\boxed{\quad} \times 1 = 5$

$9 \times 0 = \boxed{\quad}$ $4 \times \boxed{\quad} = 0$

9. Write a multiplication sentence.
Then solve.

Sam has **4** boxes of crayons. Each box has **10** crayons. How many crayons does he have?

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

crayons

10. Write a multiplication sentence.
Then solve.

The class sets up **5** rows of chairs. Each row has **10** chairs. How many chairs are there?

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

chairs

11. Show 3×4 in four ways.

Draw equal groups.

Draw an array.

Write an addition sentence.

Draw the jumps.

$$\underline{\quad\quad} + \underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}$$



Multiplication

Unit Test, Form B (page 1 of 2)

Score _____ / 11

1. How many groups? How many in each? How many in all?



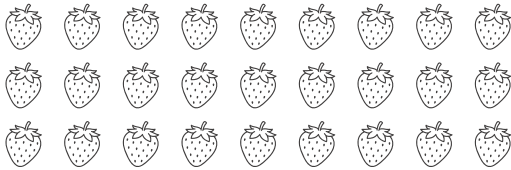
_____ groups of _____
_____ in all

2. Draw equal groups to show 3×5 . Then multiply.



$3 \times 5 =$ _____

3. Fill in the blanks for the array.



_____ rows of _____
_____ $\times$ _____ = _____

4. Skip count by 4s to find 7×4 .



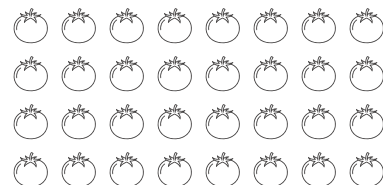
$7 \times 4 =$ _____

5. Write the multiplication sentence for the jumps.



_____ $\times$ _____ = _____

6. Write a sentence for the rows and one for the columns.



Rows: _____ $\times$ _____ = _____

Columns: _____ $\times$ _____ = _____

Multiplication

Unit Test, Form B (page 2 of 2)

7. Multiply.

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

$2 \times 9 = \underline{\quad\quad}$ $10 \times 8 = \underline{\quad\quad}$

$5 \times 9 = \underline{\quad\quad}$ $7 \times 10 = \underline{\quad\quad}$

8. Fill in each box.

$1 \times 8 = \boxed{\quad}$ $9 \times 1 = \boxed{\quad}$

$0 \times 6 = \boxed{\quad}$ $\boxed{\quad} \times 1 = 3$

$7 \times 0 = \boxed{\quad}$ $5 \times \boxed{\quad} = 0$

9. Write a multiplication sentence.
Then solve.

A farmer has **3** baskets. There are **10** eggs in each basket. How many eggs are there?

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

eggs

10. Write a multiplication sentence.
Then solve.

A wall has **2** rows of tiles. There are **10** tiles in each row. How many tiles are there?

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

tiles

11. Show 3×3 in four ways.

Draw equal groups.

Draw an array.

Write an addition sentence.

Draw the jumps.

$$\underline{\quad\quad} + \underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}$$

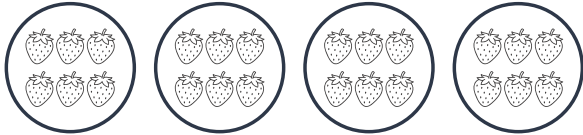


Multiplication

Unit Test, Form A (page 1 of 2)

Score _____ / 11

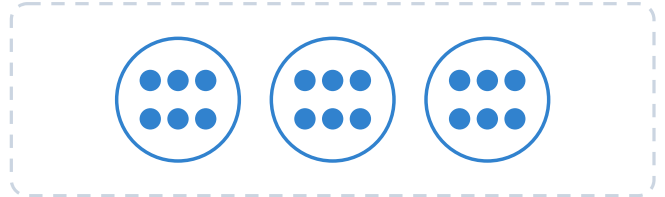
1. How many groups? How many in each? How many in all?



4 groups of 6
24 in all

Lesson 1.1 · Equal groups

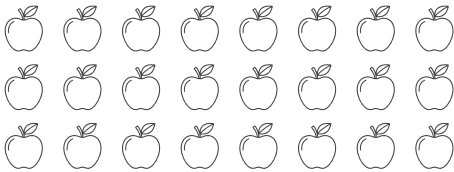
2. Draw equal groups to show 3×6 . Then multiply.



$3 \times 6 = \underline{18}$

Lesson 1.2 · Multiplication as groups

3. Fill in the blanks for the array.



3 rows of 8
3 $\times$ 8 = 24

Lesson 1.3 · Arrays

4. Skip count by 3s to find 7×3 .



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

Lesson 1.4 · Skip count and equal jumps

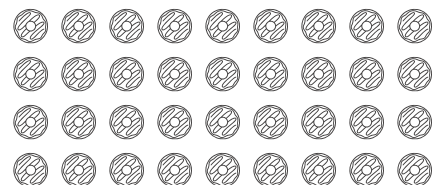
5. Write the multiplication sentence for the jumps.



4 $\times$ 4 = 16

Lesson 1.4 · Skip count and equal jumps

6. Write a sentence for the rows and one for the columns.



Rows: 4 $\times$ 9 = 36

Columns: 9 $\times$ 4 = 36

Lesson 1.5 · Turn-around facts

Multiplication

Unit Test, Form A (page 2 of 2)

7. Multiply.

$$2 \times 7 = \underline{14} \quad 7 \times 5 = \underline{35}$$

$$8 \times 2 = \underline{16} \quad 10 \times 6 = \underline{60}$$

$$5 \times 8 = \underline{40} \quad 9 \times 10 = \underline{90}$$

Lesson 1.6 · Multiply by 2, 5 and 10

8. Fill in each box.

$$0 \times 8 = \boxed{0} \quad 7 \times 1 = \boxed{7}$$

$$1 \times 6 = \boxed{6} \quad \boxed{5} \times 1 = 5$$

$$9 \times 0 = \boxed{0} \quad 4 \times \boxed{0} = 0$$

Lesson 1.7 · Multiply by 0 and 1

9. Write a multiplication sentence.
Then solve.

Sam has **4** boxes of crayons. Each box has **10** crayons. How many crayons does he have?

$$\underline{4} \times \underline{10} = \underline{40}$$

40 crayons

Lesson 1.8 · Multiplication stories

10. Write a multiplication sentence.
Then solve.

The class sets up **5** rows of chairs. Each row has **10** chairs. How many chairs are there?

$$\underline{5} \times \underline{10} = \underline{50}$$

50 chairs

Lesson 1.8 · Multiplication stories

11. Show 3×4 in four ways.

Draw equal groups.



Draw an array.



Write an addition sentence.

$$\underline{4} + \underline{4} + \underline{4} = \underline{12}$$

Draw the jumps.



Lesson 1.9 · One fact many ways

Multiplication

Unit Test, Form B (page 1 of 2)

Score _____ / 11

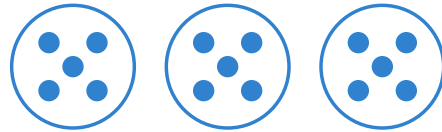
1. How many groups? How many in each? How many in all?



4 groups of 5
20 in all

Lesson 1.1 · Equal groups

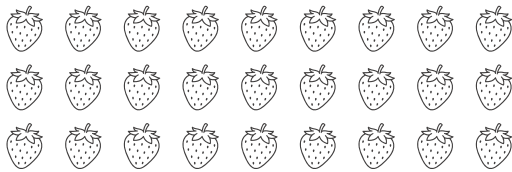
2. Draw equal groups to show 3×5 . Then multiply.



$3 \times 5 = \underline{15}$

Lesson 1.2 · Multiplication as groups

3. Fill in the blanks for the array.



3 rows of 9
3 $\times$ 9 = 27

Lesson 1.3 · Arrays

4. Skip count by 4s to find 7×4 .



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

Lesson 1.4 · Skip count and equal jumps

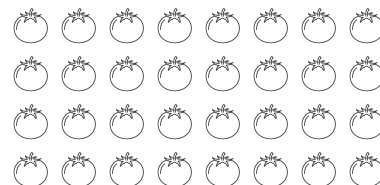
5. Write the multiplication sentence for the jumps.



4 $\times$ 2 = 8

Lesson 1.4 · Skip count and equal jumps

6. Write a sentence for the rows and one for the columns.



Rows: 4 $\times$ 8 = 32

Columns: 8 $\times$ 4 = 32

Lesson 1.5 · Turn-around facts

Multiplication

Unit Test, Form B (page 2 of 2)

7. Multiply.

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

$$2 \times 9 = \underline{18} \quad 10 \times 8 = \underline{80}$$

$$5 \times 9 = \underline{45} \quad 7 \times 10 = \underline{70}$$

Lesson 1.6 · Multiply by 2, 5 and 10

8. Fill in each box.

$$1 \times 8 = \boxed{8} \quad 9 \times 1 = \boxed{9}$$

$$0 \times 6 = \boxed{0} \quad \boxed{3} \times 1 = 3$$

$$7 \times 0 = \boxed{0} \quad 5 \times \boxed{0} = 0$$

Lesson 1.7 · Multiply by 0 and 1

9. Write a multiplication sentence.
Then solve.

A farmer has **3** baskets. There are **10** eggs in each basket. How many eggs are there?

$$\underline{3} \times \underline{10} = \underline{30}$$

30 eggs

Lesson 1.8 · Multiplication stories

10. Write a multiplication sentence.
Then solve.

A wall has **2** rows of tiles. There are **10** tiles in each row. How many tiles are there?

$$\underline{2} \times \underline{10} = \underline{20}$$

20 tiles

Lesson 1.8 · Multiplication stories

11. Show 3×3 in four ways.

Draw equal groups.



Draw an array.



Write an addition sentence.

$$\underline{3} + \underline{3} + \underline{3} = \underline{9}$$

Draw the jumps.



Lesson 1.9 · One fact many ways