

Word Problems and Tens

Unit Test, Form A (page 1 of 2)

Score _____ / 12

1. Multiply.

$$4 \times 70 = \underline{\hspace{2cm}}$$

$$60 \times 3 = \underline{\hspace{2cm}}$$

$$8 \times 50 = \underline{\hspace{2cm}}$$

$$30 \times 9 = \underline{\hspace{2cm}}$$

2. What number goes in the box?

$$\boxed{} \times 40 = 160$$

$$7 \times \boxed{} = 210$$

$$\boxed{} \times 5 = 450$$

3. Write an equation with ? for the unknown. Solve.

A bakery puts **50** cookies in each box.
How many cookies are in **6** boxes?

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

_____ cookies

4. Write an equation with ? for the unknown. Solve.

A garden has **7** rows of carrots with **9**
carrots in each row. How many
carrots are in the garden?

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

_____ carrots

5. Write an equation with ? for the unknown. Solve.

Mr. Diaz puts **56** books equally on **8**
shelves. How many books are on each
shelf?

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

_____ books

6. Write an equation with ? for the unknown. Solve.

Ms. Cole cuts a **48** centimeter ribbon
into pieces **6** centimeters long. How
many pieces does she get?

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

_____ pieces

Word Problems and Tens

Unit Test, Form A (page 2 of 2)

7. Solve. Write both steps.

A baker makes **4** trays of **9** muffins. She sells **17** muffins. How many muffins are left?

Step 1 _____ ○ _____ = _____

Step 2 _____ ○ _____ = _____
_____ muffins

8. Write an equation with a letter for the unknown. Solve.

Zoe puts **35** marbles equally in **5** bags. She adds **6** more to one bag. How many marbles are in that bag?

Equation _____
_____ marbles

9. Round to the nearest hundred. Is each answer reasonable?

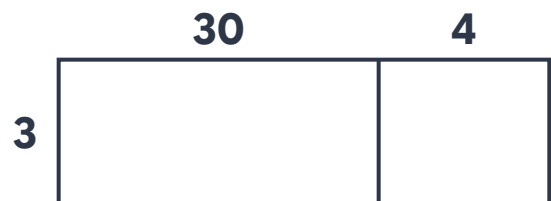
$$367 + 426 = 793 \quad \text{Yes} \quad \text{No}$$

Estimate _____ + _____ = _____

$$734 - 296 = 538 \quad \text{Yes} \quad \text{No}$$

Estimate _____ - _____ = _____

10. Find each part. Then multiply.



$$34 \times 3 = \underline{\hspace{2cm}}$$

11. Write an equation with ? for the unknown. Solve.

Kim has **12** stickers. Jay has **3** times as many stickers. How many stickers does Jay have?

_____ ○ _____ = _____
_____ stickers

12. Is it true? Circle True or False.

$$6 \times 4 = 3 \times 8 \quad \text{True} \quad \text{False}$$

$$20 \div 2 = 2 \times 5 \quad \text{True} \quad \text{False}$$

$$18 \div 2 = 32 \div 4 \quad \text{True} \quad \text{False}$$

Word Problems and Tens

Unit Test, Form B (page 1 of 2)

Score _____ / 12

1. Multiply.

$$6 \times 80 = \underline{\hspace{2cm}}$$

$$40 \times 9 = \underline{\hspace{2cm}}$$

$$4 \times 50 = \underline{\hspace{2cm}}$$

$$70 \times 3 = \underline{\hspace{2cm}}$$

2. What number goes in the box?

$$\boxed{} \times 30 = 240$$

$$6 \times \boxed{} = 420$$

$$\boxed{} \times 8 = 160$$

3. Write an equation with ? for the unknown. Solve.

A farm packs **40** eggs in each crate.
How many eggs are in **7** crates?

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

_____ eggs

4. Write an equation with ? for the unknown. Solve.

A parking lot has **6** rows of cars with **9**
cars in each row. How many cars are
in the lot?

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

_____ cars

5. Write an equation with ? for the unknown. Solve.

A coach puts **72** balls equally into **9**
bags. How many balls are in each
bag?

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

_____ balls

6. Write an equation with ? for the unknown. Solve.

A farmer has **45** kilograms of rice. She
puts **5** kilograms in each bag. How
many bags does she fill?

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

_____ bags

Word Problems and Tens

Unit Test, Form B (page 2 of 2)

7. Solve. Write both steps.

A shop has **6** boxes of **5** kites. It sells **13** kites. How many kites are left?

Step 1 _____ ○ _____ = _____

Step 2 _____ ○ _____ = _____
_____ kites

8. Write an equation with a letter for the unknown. Solve.

Sam puts **27** cards equally in **3** piles. He adds **5** more to one pile. How many cards are in that pile?

Equation _____
_____ cards

9. Round to the nearest hundred. Is each answer reasonable?

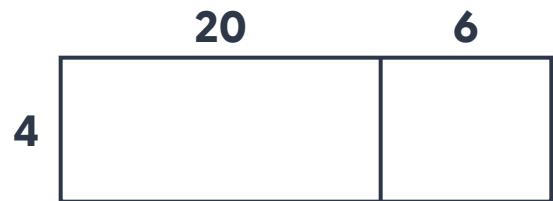
276 + 518 = 594 Yes No

Estimate _____ + _____ = _____

831 - 416 = 415 Yes No

Estimate _____ - _____ = _____

10. Find each part. Then multiply.



26 × 4 = _____

11. Write an equation with ? for the unknown. Solve.

Omar has **15** marbles. Rosa has **4** times as many marbles. How many marbles does Rosa have?

_____ ○ _____ = _____
_____ marbles

12. Is it true? Circle True or False.

2 × 9 = 4 × 4 True False

12 ÷ 2 = 2 × 3 True False

14 ÷ 2 = 35 ÷ 5 True False

Word Problems and Tens

Unit Test, Form A (page 1 of 2)

Score _____ / 12

1. Multiply.

$$4 \times 70 = \underline{280}$$

$$60 \times 3 = \underline{180}$$

$$8 \times 50 = \underline{400}$$

$$30 \times 9 = \underline{270}$$

Lesson 7.1 · Multiply by multiples of 10

2. What number goes in the box?

$$\boxed{4} \times 40 = 160$$

$$7 \times \boxed{30} = 210$$

$$\boxed{90} \times 5 = 450$$

Lesson 7.2 · Missing factors and stories with tens

3. Write an equation with ? for the unknown. Solve.

A bakery puts **50** cookies in each box. How many cookies are in **6** boxes?

$$\underline{6} \times \underline{50} = \underline{?}$$

One way **300** cookies

Lesson 7.2 · Missing factors and stories with tens

4. Write an equation with ? for the unknown. Solve.

A garden has **7** rows of carrots with **9** carrots in each row. How many carrots are in the garden?

$$\underline{7} \times \underline{9} = \underline{?}$$

One way **63** carrots

Lesson 7.3 · Equal groups and arrays

5. Write an equation with ? for the unknown. Solve.

Mr. Diaz puts **56** books equally on **8** shelves. How many books are on each shelf?

$$\underline{56} \div \underline{8} = \underline{?}$$

One way **7** books

Lesson 7.3 · Equal groups and arrays

6. Write an equation with ? for the unknown. Solve.

Ms. Cole cuts a **48** centimeter ribbon into pieces **6** centimeters long. How many pieces does she get?

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

One way **8** pieces

Lesson 7.4 · Measurement stories

Word Problems and Tens

Unit Test, Form A (page 2 of 2)

7. Solve. Write both steps.

A baker makes **4** trays of **9** muffins. She sells **17** muffins. How many muffins are left?

Step 1 $\underline{4} \times \underline{9} = \underline{36}$

Step 2 $\underline{36} - \underline{17} = \underline{19}$
One way

19 muffins

Lesson 7.5 • Two-step stories

8. Write an equation with a letter for the unknown. Solve.

Zoe puts **35** marbles equally in **5** bags. She adds **6** more to one bag. How many marbles are in that bag?

Equation $\underline{35 \div 5 + 6 = m}$
One way

13 marbles

Lesson 7.6 • A letter for the unknown

9. Round to the nearest hundred. Is each answer reasonable?

$367 + 426 = 793$ ☒ Yes ☐ No

Estimate $\underline{400} + \underline{400} = \underline{800}$

$734 - 296 = 538$ ☐ Yes ☒ No

Estimate $\underline{700} - \underline{300} = \underline{400}$

Lesson 7.7 • Estimate to check

10. Find each part. Then multiply.

	30	4
3	90	12

$34 \times 3 = \underline{102}$

Lesson 7.8 • 2-digit times 1-digit

11. Write an equation with ? for the unknown. Solve.

Kim has **12** stickers. Jay has **3** times as many stickers. How many stickers does Jay have?

$\underline{3} \times \underline{12} = \underline{?}$
One way

36 stickers

Lesson 7.9 • Times as many

12. Is it true? Circle True or False.

$6 \times 4 = 3 \times 8$ ☒ True ☐ False

$20 \div 2 = 2 \times 5$ ☒ True ☐ False

$18 \div 2 = 32 \div 4$ ☐ True ☒ False

Lesson 7.10 • True or false with $\times$ and $\div$

Word Problems and Tens

Unit Test, Form B (page 1 of 2)

Score _____ / 12

1. Multiply.

$$6 \times 80 = \underline{480}$$

$$40 \times 9 = \underline{360}$$

$$4 \times 50 = \underline{200}$$

$$70 \times 3 = \underline{210}$$

Lesson 7.1 · Multiply by multiples of 10

2. What number goes in the box?

$$\boxed{8} \times 30 = 240$$

$$6 \times \boxed{70} = 420$$

$$\boxed{20} \times 8 = 160$$

Lesson 7.2 · Missing factors and stories with tens

3. Write an equation with ? for the unknown. Solve.

A farm packs **40** eggs in each crate. How many eggs are in **7** crates?

$$\underline{7} \times \underline{40} = \underline{?}$$

One way 280 eggs

Lesson 7.2 · Missing factors and stories with tens

4. Write an equation with ? for the unknown. Solve.

A parking lot has **6** rows of cars with **9** cars in each row. How many cars are in the lot?

$$\underline{6} \times \underline{9} = \underline{?}$$

One way 54 cars

Lesson 7.3 · Equal groups and arrays

5. Write an equation with ? for the unknown. Solve.

A coach puts **72** balls equally into **9** bags. How many balls are in each bag?

$$\underline{72} \div \underline{9} = \underline{?}$$

One way 8 balls

Lesson 7.3 · Equal groups and arrays

6. Write an equation with ? for the unknown. Solve.

A farmer has **45** kilograms of rice. She puts **5** kilograms in each bag. How many bags does she fill?

$$\underline{45} \div \underline{5} = \underline{?}$$

One way 9 bags

Lesson 7.4 · Measurement stories

Word Problems and Tens

Unit Test, Form B (page 2 of 2)

7. Solve. Write both steps.

A shop has **6** boxes of **5** kites. It sells **13** kites. How many kites are left?

Step 1 $\underline{6} \times \underline{5} = \underline{30}$

Step 2 $\underline{30} - \underline{13} = \underline{17}$

One way

17 kites

Lesson 7.5 · Two-step stories

8. Write an equation with a letter for the unknown. Solve.

Sam puts **27** cards equally in **3** piles. He adds **5** more to one pile. How many cards are in that pile?

Equation $\underline{27 \div 3 + 5 = c}$

One way

14 cards

Lesson 7.6 · A letter for the unknown

9. Round to the nearest hundred. Is each answer reasonable?

$276 + 518 = 594$ Yes ☒ No

Estimate $\underline{300} + \underline{500} = \underline{800}$

$831 - 416 = 415$ ☒ Yes No

Estimate $\underline{800} - \underline{400} = \underline{400}$

Lesson 7.7 · Estimate to check

10. Find each part. Then multiply.

	20	6
4	80	24

$26 \times 4 = \underline{104}$

Lesson 7.8 · 2-digit times 1-digit

11. Write an equation with ? for the unknown. Solve.

Omar has **15** marbles. Rosa has **4** times as many marbles. How many marbles does Rosa have?

$\underline{4} \times \underline{15} = \underline{?}$

One way

60 marbles

Lesson 7.9 · Times as many

12. Is it true? Circle True or False.

$2 \times 9 = 4 \times 4$ True ☒ False

$12 \div 2 = 2 \times 3$ ☒ True False

$14 \div 2 = 35 \div 5$ ☒ True False

Lesson 7.10 · True or false with $\times$ and $\div$