

Unit Review (page 1 of 2)

- 70 is 7 times as many as 10.**

$$\frac{1}{2} = \frac{1}{2} \times \frac{1}{2}$$

$$12 = 2 \times 6$$

12 is times as many as

- Twig 7

Pole	49
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Equation

t = times

- ### Equation

s = feet

- Ivy has shells

Max has shells

- | | | | | | | | | |
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| | | | | | | | | |
| | | | | | | | | |

$$\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$$

Other pair: $\times$

- [illegible]

Factors and Multiples

Unit Review (page 2 of 2)

7. Is the first number a factor of the second? Circle Yes or No.

Is 3 a factor of 87? Yes No

Is 7 a factor of 82? Yes No

Is 6 a factor of 90? Yes No

8. Skip count by 5s. Write the missing multiples.

60	65		75			90	
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9. Circle every multiple of 3.

24 34 45 52

62 78 85 96

10. Circle the prime numbers. Then write a factor pair that shows 55 is composite.

5 17 25 31

33 55 89 91

55 = ____ × ____

11. Multiply or divide.

$$12 \times 3 = \underline{\hspace{2cm}}$$

$$11 \times 4 = \underline{\hspace{2cm}}$$

$$60 \div 12 = \underline{\hspace{2cm}}$$

$$110 \div 11 = \underline{\hspace{2cm}}$$

12. List the factors of each number. Then write the common factors and the greatest common factor (GCF).

18: _____

30: _____

Common: _____

GCF: _____

Factors and Multiples

Unit Review (page 1 of 2)

1. Write an equation for the sentence. Then finish the sentence for the equation.

70 is 7 times as many as 10.

$$\underline{70} = \underline{7} \times \underline{10}$$

Factors in either order

$$12 = 2 \times 6$$

12 is 2 times as many as 6
Either order Lesson 3.2 · Multiplication as comparison

2. Write an equation. Solve.

A twig is 7 inches long. A pole is 49 inches long. How many times as long is the pole?

Twig 7

Pole 49

Equation $49 \div 7 = t$

One way $t = \underline{7}$ times
Lesson 3.3 · Times as many stories

3. Write an equation. Solve.

A pool is 60 feet long, 6 times as long as a slide. How long is the slide?

Equation $60 \div 6 = s$

One way $s = \underline{10}$ feet
Lesson 3.3 · Times as many stories

4. Solve each one. Add or multiply?

Lee has 8 shells.

Ivy has 5 times as many shells as Lee.

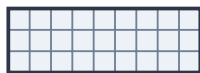
Ivy has 40 shells

Max has 5 more shells than Lee.

Max has 13 shells

Lesson 3.4 · Times as many or how many more?

5. Each rectangle has 27 squares. Write its factor pair. Then write the other pair.



$$\underline{3} \times \underline{9}$$

Other pair: 1 $\times$ 27

Either order

Lesson 3.5 · Factor pairs and rectangles

6. Write every factor pair of 72. You may not need every row.

Factor	Factor
<u>1</u>	<u>72</u>
<u>2</u>	<u>36</u>
<u>3</u>	<u>24</u>
<u>4</u>	<u>18</u>
<u>6</u>	<u>12</u>
<u>8</u>	<u>9</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

Any order

Lesson 3.6 · All the factor pairs

Factors and Multiples

Unit Review (page 2 of 2)

7. Is the first number a factor of the second? Circle Yes or No.

Is 3 a factor of 87? ☒ Yes ☐ No

Is 7 a factor of 82? ☐ Yes ☒ No

Is 6 a factor of 90? ☒ Yes ☐ No

Lesson 3.6 · All the factor pairs

8. Skip count by 5s. Write the missing multiples.

60 65 70 75 80 85 90 95

Lesson 3.7 · Multiples

9. Circle every multiple of 3.

24 34 45 52
62 78 85 96

Lesson 3.7 · Multiples

10. Circle the prime numbers. Then write a factor pair that shows 55 is composite.

5 17 25 31
33 55 89 91

$$55 = 5 \times 11$$

One way

Lesson 3.8 · Prime and composite numbers

11. Multiply or divide.

$$12 \times 3 = 36$$

$$11 \times 4 = 44$$

$$60 \div 12 = 5$$

$$110 \div 11 = 10$$

Lesson 3.1 · Facts through 12×12

12. List the factors of each number. Then write the common factors and the greatest common factor (GCF).

18: 1, 2, 3, 6, 9, 18

30: 1, 2, 3, 5, 6, 10, 15, 30

Common: 1, 2, 3, 6

GCF: 6

Lesson 3.9 · Common factors and the GCF