

**READ EACH EQUATION CAREFULLY. FOR EACH EQUATION, SOLVE FOR THE UNKNOWN VARIABLE.**



1.  $8 + Y = 56$

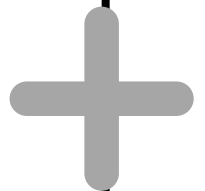
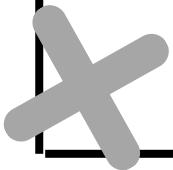
4.  $25 + K = F$       $F = 109$

2.  $A + 15 = 64$

5.  $16 + H = P$       $P = 72$

3.  $18 + T = 95$

6.  $72 - V = 15$



Simplify each math problem by combining like terms.

The first problem is completed for you.

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**1.  $5(4a + 5)$**

$$5(4a) = 20a \quad 5 \times 5 = 25$$

$\underline{= 20a + 25}$
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**2.  $2(11p - 9)$**

**3.  $6(5x + 4)$**

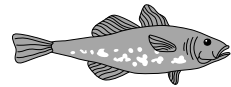
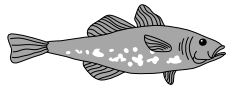
**4.  $8(10y - 5)$**

**5.  $7(9s + 11)$**

**READ THE EQUATIONS CAREFULLY, THEN SOLVE THE  
EQUATIONS BY MULTIPLYING EACH NUMBER TO THE  
SECOND POWER.**

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The first equation is done for you.



1.  $5^2 = 25$

6.  $25^2 =$

2.  $7^2 =$

7.  $12^2 =$

3.  $4^2 =$

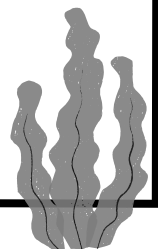
8.  $8^2 =$

4.  $11^2 =$

9.  $10^2 =$

5.  $9^2 =$

10.  $13^2 =$

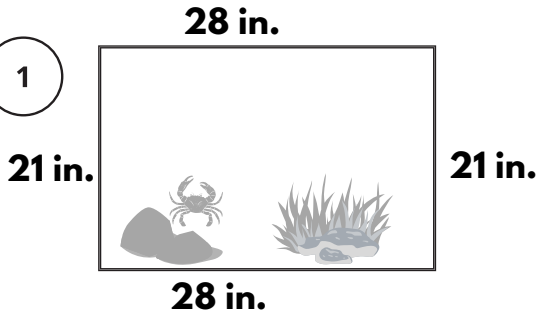


# HELP!

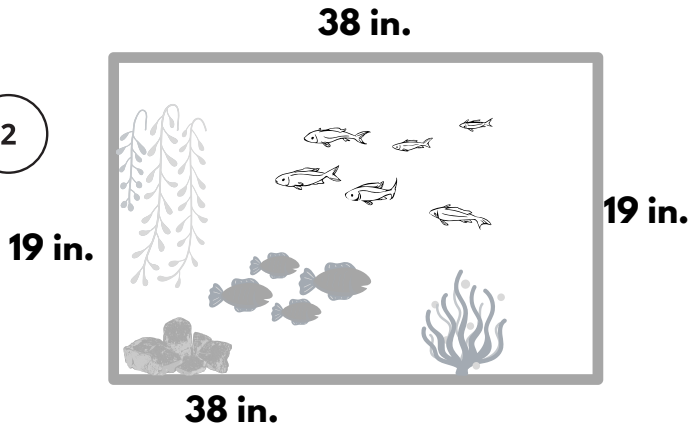
THESE OCEAN ANIMALS ARE MOVING TO NEW HOMES! HELP FIND THE PERIMETER OF EACH SHAPE SO THEY ARE PUT IN THE CORRECT TANK.



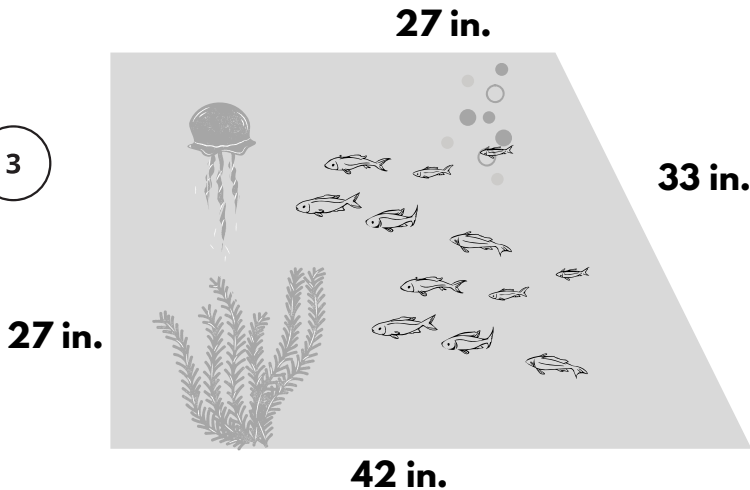
1



2





3

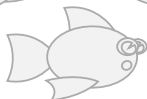


# Ocean multiplication

Directions: Read each number inside the fishes and solve the multiplication.



1  x  =


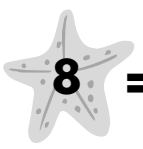




5  x  =

2  x  =

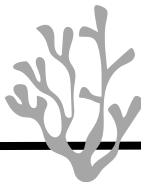
6  x  x 2 =

3  x  =

7  x  =

4  x  =

8  x  =



# A PEAK AT OCEAN LIFE

Read each definition below. Choose a word from the box that fits the definition.

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Environment

Buoy

Fish

Coral

Tide pool

A floating object in the ocean that serves as a warning or guide.

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Cold-blooded vertebrate animals with gills and fins that lives in water.

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The surroundings in which a person, animal or plant lives.

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Pool reveal in rocks when the tide goes out.

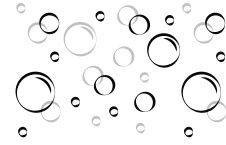
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A hard substance formed in the sea made up of masses of shells from very small sea animals.

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Solve each long division.



1.  $5\sqrt{965}$

5.  $7\sqrt{672}$

2.  $2\sqrt{528}$

6.  $12\sqrt{408}$

3.  $8\sqrt{9160}$

7.  $8\sqrt{3024}$

4.  $6\sqrt{390}$

8.  $15\sqrt{2025}$





Solve each equation to the third power. The first one is completed for you.



1

$$10^3 = 1000$$

$$10 \times 10 \times 10$$

6

$$11^3 =$$

2

$$9^3 =$$

7

$$5^3 =$$

3

$$20^3 =$$

8

$$13^3 =$$

4

$$12^3 =$$

9

$$14^3 =$$

5

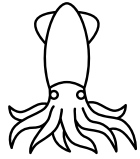
$$15^3 =$$

10

$$21^3 =$$







Reduce each fraction to the simplest form.

1.  $\frac{12}{16} =$

2.  $\frac{14}{56} =$

3.  $\frac{15}{81} =$

4.  $\frac{18}{60} =$

5.  $\frac{18}{18} =$

6.  $\frac{30}{144} =$

7.  $\frac{25}{100} =$

8.  $\frac{56}{130} =$

9.  $\frac{72}{230} =$

10.  $\frac{40}{60} =$

11.  $\frac{230}{180} =$

12.  $\frac{418}{80} =$



Solve the following exponents. The first problem is done for you.



1.  $24^2 = 576$

$24 \times 24 = 576$

6.  $6^4 =$

11.  $95^1 =$

2.  $100^5 =$

7.  $5^5 =$

12.  $11^4 =$

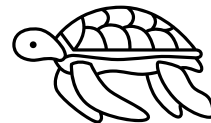
3.  $0^{81} =$

8.  $12^4 =$

13.  $60^3 =$

4.  $16^3 =$

9.  $10^3 =$



5.  $30^2 =$

10.  $25^2 =$

14.  $3^6 =$

**ADD THE FOLLOWING DECIMAL EQUATIONS TO THE HUNDREDTH PLACE.**



$$\begin{array}{r} 1. \quad 456.98 \\ \quad 172.16 \\ + \quad 56.8 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 703.47 \\ \quad 833.09 \\ + \quad 251.76 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 39.06 \\ \quad 529.41 \\ + \quad 55.04 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 253.12 \\ \quad 967.22 \\ + \quad 85.31 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 411.08 \\ \quad 69.31 \\ + \quad 87.32 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 50.76 \\ \quad 410.73 \\ + \quad 50.76 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 99.51 \\ \quad 116.78 \\ + \quad 27.08 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 299.70 \\ \quad 73.16 \\ + \quad 539.04 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 720.51 \\ \quad 30.88 \\ + \quad 63.40 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 55.81 \\ \quad 90.17 \\ + \quad 76.02 \\ \hline \end{array}$$


$$\begin{array}{r} 8. \quad 412.07 \\ \quad 571.33 \\ + \quad 10.79 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 85.72 \\ \quad 27.43 \\ + \quad 300.95 \\ \hline \end{array}$$




**HELP EACH FISH FIND THE FACTORS FOR THEIR NUMBER.**



1.   $18 = 1, 2, 3, 6, 9, 18$

6.   $12 =$

2.   $30 =$

7.   $35 =$

3.   $100 =$

8.   $60 =$

4.   $81 =$

9.   $20 =$

5.   $45 =$

# Tutor (316)

## About Us

Tutor (316) is dedicated to enhancing children's literacy and mathematical development. Tutor (316) partners with local elementary schools to support elementary students in their classrooms and after-school programs.

## Contact

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Visit our website at:

wichita.edu/tutor316info