

Rising Fourth Grade

Dear Future 4th Grader,

The upcoming school year is going to be so much fun! To keep up your math skills, this summer math packet is for you to practice some of the things you learned this past year. Bring this in during the first week of school. I cannot wait to see all of the problems you can solve!

Name: _____

Order from least to greatest: 2,443; 2,342; 2,034

Order from least to greatest: 65,302; 65,280; 65,452

Order from greatest to least: 4,523; 4,358; 5,041

Order from greatest to least: 39,400; 40,105; 39,982

Continue the pattern to find the next three numbers.

8,670 8,770 8,870 _____

287 1,287 2,287 _____

115 120 125 _____

240 260 280 _____

Write the following numbers in expanded form and word form. An example has been given.

Example: 456 Expanded Form: 400 + 50 + 6 Word Form: four hundred fifty-six

4,865

Expanded Form: _____

Word Form: _____

5,962

Expanded Form: _____

Word Form: _____

7,289

Expanded Form: _____

Word Form: _____

3,175

Expanded Form: _____

Word Form: _____

76,890

Expanded Form: _____

Word Form: _____

98,304

Expanded Form: _____

Word Form: _____

Round to the nearest tens place.

54 _____

78 _____

113 _____

1,558 _____

9,012 _____

2,999 _____

Round to the nearest hundreds place.

289 _____

6,023 _____

5,670 _____

349 _____

Write the place of the underlined digit.

2,458 _____

84,963 _____

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Solve.

$3 \times 4 = \underline{\hspace{2cm}}$

$7 \times 8 = \underline{\hspace{2cm}}$

$5 \times 5 = \underline{\hspace{2cm}}$

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

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

$9 \times 5 = \underline{\hspace{2cm}}$

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

$6 \times 9 = \underline{\hspace{2cm}}$

$5 \times 7 = \underline{\hspace{2cm}}$

$3 \times 8 = \underline{\hspace{2cm}}$

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

$3 \times 11 = \underline{\hspace{2cm}}$

$9 \times 4 = \underline{\hspace{2cm}}$

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

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

$4 \times 6 = \underline{\hspace{2cm}}$

$10 \times 7 = \underline{\hspace{2cm}}$

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

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

$0 \times 6 = \underline{\hspace{2cm}}$

$8 \times 9 = \underline{\hspace{2cm}}$

$6 \times 5 = \underline{\hspace{2cm}}$

Add or subtract. Circle the even answers and cross off the odd answers.

$\begin{array}{r} 437 \\ + 498 \\ \hline \end{array}$	$\begin{array}{r} 621 \\ + 805 \\ \hline \end{array}$	$\begin{array}{r} 802 \\ - 728 \\ \hline \end{array}$	$\begin{array}{r} 619 \\ - 199 \\ \hline \end{array}$
$\begin{array}{r} 395 \\ + 708 \\ \hline \end{array}$	$\begin{array}{r} 7,098 \\ + 1,125 \\ \hline \end{array}$	$\begin{array}{r} 8,454 \\ - 5,113 \\ \hline \end{array}$	$\begin{array}{r} 276 \\ - 89 \\ \hline \end{array}$

Multiply.

$16 \times 9 = \underline{\hspace{2cm}}$

$24 \times 7 = \underline{\hspace{2cm}}$

$209 \times 4 = \underline{\hspace{2cm}}$

$175 \times 5 = \underline{\hspace{2cm}}$

$234 \times 3 = \underline{\hspace{2cm}}$

$516 \times 6 = \underline{\hspace{2cm}}$

$328 \times 9 = \underline{\hspace{2cm}}$

$476 \times 4 = \underline{\hspace{2cm}}$

$5,230 \times 5 = \underline{\hspace{2cm}}$

$7,482 \times 3 = \underline{\hspace{2cm}}$

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Solve these division problems using your knowledge of fact families.

$25 \div 5 = \underline{\hspace{2cm}}$

$16 \div 4 = \underline{\hspace{2cm}}$

$36 \div 6 = \underline{\hspace{2cm}}$

$18 \div 3 = \underline{\hspace{2cm}}$

$48 \div 12 = \underline{\hspace{2cm}}$

$66 \div 11 = \underline{\hspace{2cm}}$

Fraction-Of Problems:

$\frac{1}{4} \text{ of } 8 = \underline{\hspace{2cm}}$

$\frac{1}{6} \text{ of } 12 = \underline{\hspace{2cm}}$

$\frac{5}{6} \text{ of } 24 = \underline{\hspace{2cm}}$

$\frac{3}{4} \text{ of } 16 = \underline{\hspace{2cm}}$

$\frac{1}{3} \text{ of } 18 = \underline{\hspace{2cm}}$

Compare each pair of fractions. Write > or < or =.

$\frac{1}{6} \underline{\hspace{1cm}} \frac{5}{6}$

$\frac{1}{3} \underline{\hspace{1cm}} \frac{1}{2}$

$\frac{1}{2} \underline{\hspace{1cm}} \frac{1}{6}$

$\frac{3}{6} \underline{\hspace{1cm}} \frac{3}{4}$

$\frac{3}{8} \underline{\hspace{1cm}} \frac{3}{4}$

$\frac{4}{6} \underline{\hspace{1cm}} \frac{5}{6}$

Convert grams and kilograms.

Remember**

1 Kilogram = 1,000 grams

$$1,700 \text{ g} = \underline{\hspace{2cm}} \text{ kg } \underline{\hspace{2cm}} \text{ g}$$

$$2 \text{ kg } 200 \text{ g} = \underline{\hspace{2cm}} \text{ g}$$

$$2,300 \text{ g} = \underline{\hspace{2cm}} \text{ kg } \underline{\hspace{2cm}} \text{ g}$$

$$4 \text{ kg } 800 \text{ g} = \underline{\hspace{2cm}} \text{ kg } \underline{\hspace{2cm}} \text{ g}$$

Convert milliliters and liters.

Remember**

1 Liter = 1,000 milliliters

$$2 \text{ L } 690 \text{ mL} = \underline{\hspace{2cm}} \text{ mL}$$

$$4,500 \text{ mL} = \underline{\hspace{2cm}} \text{ L } \underline{\hspace{2cm}} \text{ mL}$$

$$1 \text{ L } 310 \text{ mL} = \underline{\hspace{2cm}} \text{ mL}$$

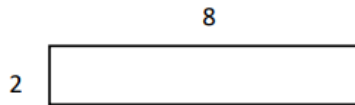
$$2,800 \text{ mL} = \underline{\hspace{2cm}} \text{ L } \underline{\hspace{2cm}} \text{ mL}$$

Remember*

Area = Length X Width

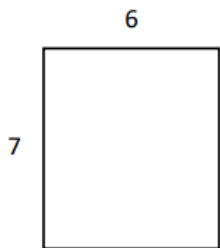
Perimeter = Length + Length + Width + Width

Find the area and perimeter of the shapes below.



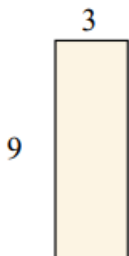
Area: _____ cm^2

Perimeter: _____ cm



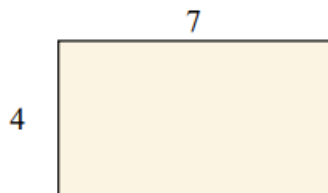
Area: _____ cm^2

Perimeter: _____ cm



Area: _____ in^2

Perimeter: _____ in



Area: _____ yd^2

Perimeter: _____ yd

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Solve each problem. Be sure to show your work.

At the school book fair Lauren bought 4 books about animals, 3 books about outer space, and 8 books about sports. Each book cost \$3. How much money did Lauren spend on the books?

Jarius saved \$48 in February. In March he saved \$24 and \$36 in April. Then Jarius spent \$66 on a new video game. How much money does Jarius have left?

Robert began homework at 3:45pm. He worked on homework for 33 minutes. What time did he finish his homework?

Mariah took a nap after soccer practice. She fell asleep at 10:15am. If she woke up at 11:36am, how long was she asleep for?

Recommended IXL Skills: (These are NOT mandatory)

M.1

Addition, subtraction, multiplication, and division facts

7RF

C.15

Addition up to four digits: fill in the missing digits

LPZ

D.9

Subtract numbers with four or more digits

Y57

H.2

Multiply by a multiple of ten

MS6

H.18

Multiply one-digit numbers by three-digit numbers

FA7

X.7

Graph and compare fractions on number lines

6H5

Y.8

Add and subtract fractions with like denominators

G5X

S.1

Count coins and bills - up to \$5 bill

9RP

DD.2

Perimeter of quadrilaterals

77Y

DD.14

Find the area of rectangles and squares

8KJ

U.6

Interpret bar graphs

V54