

5-A-Day Math Review: Week 23

Monday

- ① The class has 14 girls, 12 boys, and 1 teacher. Write the following ratios in simplest form.

girls to boys _____ : _____
 boys to girls _____ : _____
 teachers to students _____ : _____

②

Integer	Opposite	Absolute Value
	51	
-24		
	87	

- ③ Write an expression to represent:
 "5 times the sum of 12 and a number"

- ④ Solve. Show your work.

$2.13 + 98.982 =$	$3,200 - 1.931 =$
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- ⑤ $2,822 \div 5 =$ $498 \times 637 =$

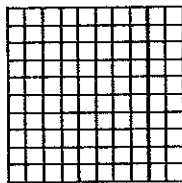
Tuesday

- ① Find each of the unit rates and circle the better buy.

SALE
2 for \$3.00

SALE
8 for \$12.40

- ② Fraction: _____
 Decimal: _____
 Ratio: _____ Percent: 9%



- ③ 58 is what percent of 40?

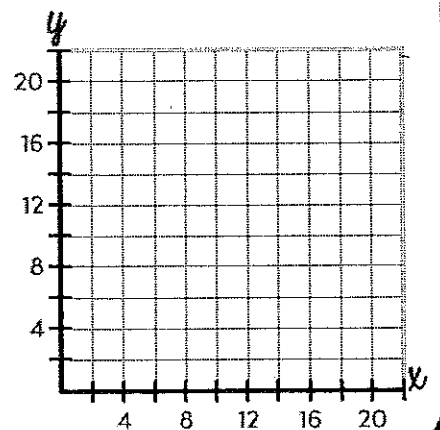
part \rightarrow $\frac{\square}{\square} = \frac{\square}{100}$ \leftarrow percent
 whole \rightarrow $\frac{\square}{\square} = \frac{\square}{100}$ \leftarrow percent

- ④ Twelve square tiles, each measuring $6\frac{4}{5}$ inches on a side, are laid side by side. What is the total width of the tiles?

- ⑤ Complete the table and then graph the coordinates.

$y = \frac{x}{3}$

x	y
18	6
15	
12	



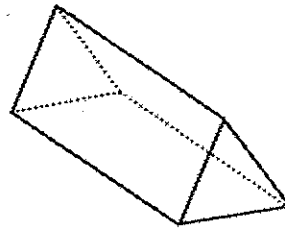
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Wednesday

① Simplify. Show your work.

$$3 \cdot 42 \div (56 \div 8 \cdot 3) = \underline{\hspace{2cm}}$$

③ Draw the net for this figure.



② Solve.

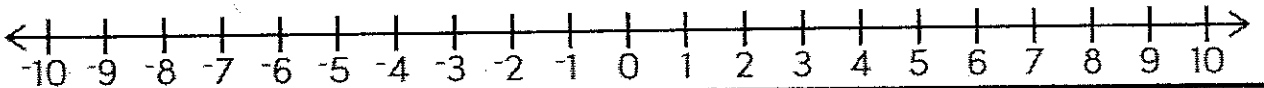
$$\frac{7}{10} \div \frac{1}{5} = \frac{\square}{\square} \times \left(\frac{\square}{\square} \right) = \frac{\square}{\square} =$$

④ Solve

$$\frac{7}{8} \times \frac{1}{4} =$$

$$\frac{3}{5} \times \frac{1}{8} =$$

⑤ Solve the inequality. Graph the solution on a number line. List the first three integer solutions. $y \geq -5$ _____, _____, _____



① Solve. Use substitution to check.

$$\frac{a}{9} = 7$$

④ Graph and label the polygon:
(-3, 5), (-6, 1), (-9, 5), (-9, 9), (-3, 9)

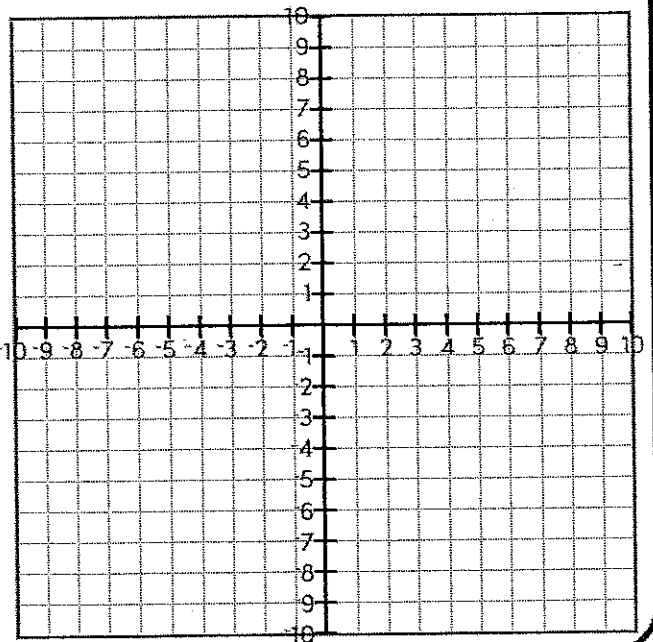
⑤ Graph and label the polygon:
(1, 0), (4, 4), (7, 0), (4, -4)

② Use the distributive property write an equivalent expression.

$$7(9 - 3) =$$

③ Identify if the question is statistical or non statistical.

"Do rugby players get injured more than football players?"



Thursday