
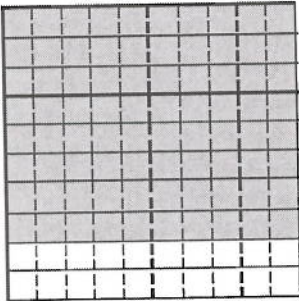


Unit 09 PC Form B

1.  Use pencil and paper to answer the question.

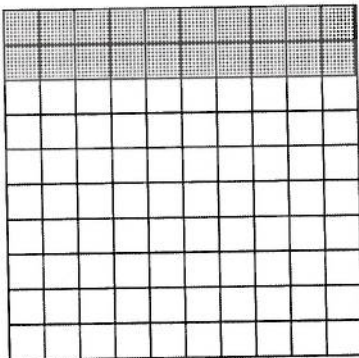
Tiffany made 20 out of 25 shots in the school basketball free-throw contest.



- What fraction of the shots did she make? _____
- What percent of the shots did she make? _____%
- At this rate, how many shots would she make if she took 200 shots?
_____ shots

2.  Use pencil and paper to answer the question.

Bobby set a goal of jogging a total of 100 miles over the summer. He filled in the grid below to keep track of the miles he ran. During the first 2 weeks of June, he jogged 20 miles.



- What fraction of 100 miles did he jog in 2 weeks? _____
- What percent of 100 miles did he jog? _____
- At this rate, how many weeks will it take him to jog 100 miles? _____

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3.  Use pencil and paper to answer the question.

Fill in the table of equivalent fractions, decimals, and percents.

Fraction	Decimal	Percent
$\frac{7}{10}$		
$\frac{3}{4}$		
		50%
$\frac{1}{4}$		
	0.8	
$\frac{5}{5}$		

4.  Use pencil and paper to answer the question.

Fill in the table of equivalent fractions, decimals, and percents.

Fraction	Decimal	Percent
$\frac{4}{5}$		
		75%
	0.2	
		36%

5. Use a calculator to rename the fraction as a decimal.

$$\frac{14}{32} = \underline{\hspace{2cm}}$$

6.  Use pencil and paper to answer the question.

Use a calculator to rename each fraction as a decimal.

a. $\frac{27}{75} = \underline{\hspace{2cm}}$

b. $\frac{9}{24} = \underline{\hspace{2cm}}$

c. $\frac{39}{48} = \underline{\hspace{2cm}}$

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7. Use pencil and paper to answer the question.

Use a calculator to rename each fraction as a decimal.

a. $\frac{5}{16} = \underline{\hspace{2cm}}$

b. $\frac{23}{32} = \underline{\hspace{2cm}}$

c. $\frac{7}{25} = \underline{\hspace{2cm}}$

8. Use a calculator to rename the fraction as a percent.

$\frac{2}{64} = \underline{\hspace{2cm}}\%$

9. Use pencil and paper to answer the question.

Use a calculator to rename the fraction as a percent.

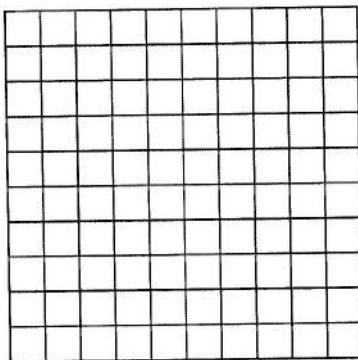
a. $\frac{9}{16} = \underline{\hspace{2cm}}\%$

b. $\frac{75}{96} = \underline{\hspace{2cm}}\%$

c. $\frac{3}{24} = \underline{\hspace{2cm}}\%$

10. Use pencil and paper to answer the question.

Shade 70% of the grid below.



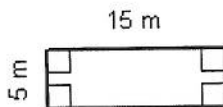
a. What fraction of the grid did you shade? $\underline{\hspace{2cm}}$

b. Write this fraction as a decimal. $\underline{\hspace{2cm}}$

c. What percent of the grid is NOT shaded? $\underline{\hspace{2cm}}$

11. Use pencil and paper to answer the question.

Find the area and perimeter of the polygon. Write number models to show what you did to get the answers. Include the correct units.




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

Number Model: $\underline{\hspace{4cm}}$

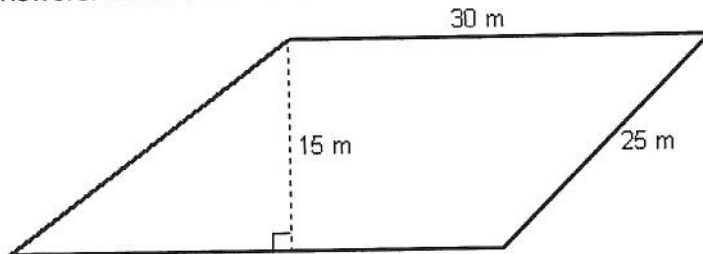
Perimeter = $\underline{\hspace{2cm}}$

Number Model: $\underline{\hspace{4cm}}$

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12.  Use pencil and paper to answer the question.

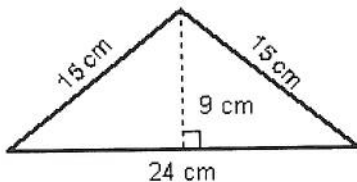
Find the area and perimeter of the polygon. Write number models to show what you did to get the answers. Include the correct units.



Area = _____
 Number Model: _____
 Perimeter = _____
 Number Model: _____

13.  Use pencil and paper to answer the question.

Find the area and perimeter of the polygon. Write number models to show what you did to get the answers. Include the correct units.



Area = _____
 Number Model: _____
 Perimeter = _____
 Number Model: _____

14.  Use pencil and paper to answer the question.

Insert parentheses to make the number sentence true.
 $80 + 90 * 9 = 1,530$

15.  Use pencil and paper to answer the question.

Insert parentheses to make the number sentence true.
 $7 = 70 - 26 + 37$

16.  Use pencil and paper to answer the question.

Insert parentheses to make the number sentence true.
 $82 - 40 / 7 = 6$

17.  Use pencil and paper to answer the question.

Insert parentheses to make the number sentence true.
 $50 = 13 + 7 + 5 * 2$