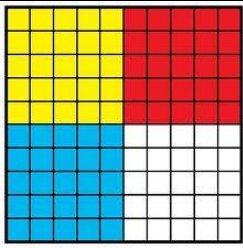


Fundamentals of Arithmetic MATH Brush-Up Session

If you placed into ABE Math, MATH 60 or a higher-level course, this might be useful for you

Percents

Fraction	Decimal	Percent
		

1. Complete the table below by finding the missing fractions, decimals and percents.

	FRACTION	DECIMAL	PERCENT
1. a.	$\frac{3}{4}$		
1. b.		0.875	
1. c.			125%
1. d.	$\frac{2}{3}$		

Find the indicated value.

2. What is 30% of \$70?

3. 90 is what percent of 360?

4. 36 is 45% of what?

5. To qualify for an interview, Holly must score 75% on a 60 point Test. How many points must she get correct to score a 75%?

A pair of shoes that originally costs \$25 is 40% off on sale.

6. a. What is the sale price?

b. Find the sale price plus 8% tax.

7. To patch a concrete retaining wall in her yard Susan uses 3 lbs of gravel, 1 lb of cement, and 2lbs of sand. What percent of the mixture is sand?

Answer key:

	<i>FRACTION</i>	<i>DECIMAL</i>	<i>PERCENT</i>
<i>1.a.</i>	$\frac{3}{4}$	0.75	75%
<i>1.b.</i>	$\frac{7}{8}$	0.875	87.5%
<i>1.c.</i>	$1\frac{1}{4}$	1.25	125%
<i>1.d.</i>	$\frac{2}{3}$	0.666...	$66\frac{2}{3}\%$

2. 21

3. 25%

4. 80

5. 45

6.a. \$15

6.b. \$16.20

7. $33\frac{1}{3}\%$

Need more help? Check out these ModumathBasic Math Lessons #3.6-4.3

<http://modumath.org/mm/GraysHarbor.html>