

# ANSWER KEY

ACCESS  
Basic Math  
Diagnostic  
Assessment

$$235 + 87 = 322$$

$$3,808 - 219 = 3,589$$

$$4,000 - 27 = 3,973$$

$$706 \times 543 = 353,358$$

$$\$563 - \$2.21 = 560.79$$

$$1,612 \text{ divided by } 4 = 403$$

$$1,998 \text{ divided by } 37 = 54$$

$$1.66 + 23.4 + 300 = 325.06$$

$$.12 \times .13 = .0156$$

$$16 \text{ divided by } .04 = 400$$

$$300 - .23 = 299.77$$

Reduce answer to simplest form:

$$\frac{3}{5} \times \frac{2}{9} \times \frac{5}{8} = \frac{1}{12}$$

$$2\frac{2}{3} \times 5 = 13\frac{1}{3}$$

$$\frac{5}{8} \div \frac{1}{3} = 1\frac{7}{8}$$

$$2\frac{5}{8} \div 3 = \frac{7}{8}$$

$$\frac{2}{3} + \frac{1}{4} = \frac{11}{12}$$

$$2\frac{1}{3} + 1\frac{4}{5} = 4\frac{2}{15}$$

$$\frac{3}{4} - \frac{1}{3} = \frac{5}{12}$$

$$3 - \frac{2}{5} = 2\frac{3}{5}$$

$$4\frac{5}{12} - 1\frac{3}{4} = 2\frac{2}{3}$$

Inches in a foot 12

Feet in a yard 3

Quarts in a gallon 4

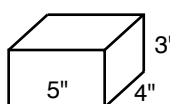
Ounces in a pound 16

Seconds in an hour 3,600

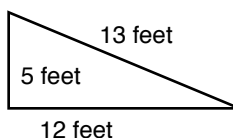
Nickels in a dollar 20

Degrees in a circle 360

Meters in a kilometer 1000



Volume = 60 cubic inches



Perimeter = 30 feet

Area = 30 square feet

Change  $\frac{3}{5}$  to a decimal: .6

Change  $\frac{5}{8}$  to a decimal: .625

Change .037 to a fraction:  $\frac{37}{1000}$

Change 1.25 to a percent: 125%

Change  $\frac{3}{4}$  to a percent: 75%

8% of 20 = 1.6

65% of 140 = 91

35% of 120 = 42

Pi  $\pi \approx$  what number? 3.14

$4.2 + 1.3 \times 5 = 10.7$

$-3 \times -5 = 15$

$26 - 47 = -21$

$A^2 \times A^3 = A^5$

$\sqrt{36} = 6$