

Name:

ANSWERS!

Period:



Communication



Successful Partnership



Encouragement



Solving Problem Together



Collaboration

Part 4-4 Classwork

Calculators OK

$$\frac{\text{Part}}{\text{Whole}} = \frac{\%}{100}$$

- (a) 60% of ■ is 18.

$$\frac{18}{\quad} = \frac{60}{100}$$

30

$$18 \times 100 \div 60$$

- (e) 120% of ■ is 96.

$$\frac{96}{\quad} = \frac{120}{100}$$

80

$$96 \times 100 \div 120$$

- (b) 4% of ■ is 20.

$$\frac{20}{\quad} = \frac{4}{100}$$

500

$$20 \times 100 \div 4$$

- (f) 50% of ■ is 3.25.

$$\frac{3.25}{\quad} = \frac{50}{100}$$

6.5

$$3.25 \times 100 \div 50$$

- (c) ■ is 70% of 40.

$$\frac{\quad}{40} = \frac{70}{100}$$

28

$$40 \times 70 \div 100$$

- (g) 24 is ■% of 40.

$$\frac{24}{40} = \frac{\quad}{100}$$

60

$$24 \times 100 \div 40$$

- (d) 50 is ■% of 80.

$$\frac{50}{80} = \frac{\quad}{100}$$

62.5

$$50 \times 100 \div 80$$

- (h) ■ is 25% of 80.

$$\frac{\quad}{80} = \frac{25}{100}$$

20

$$80 \times 25 \div 100$$

(i) 15% of ■ is 6.

$$\frac{6}{100} = \frac{15}{\quad}$$

(40)
 $6 \times 100 \div 15$

(q) 110% of ■ is 77.

$$\frac{77}{100} = \frac{110}{\quad}$$

(70)
 $77 \times 100 \div 110$

(j) 7% of ■ is 56.

$$\frac{56}{100} = \frac{7}{\quad}$$

(800)
 $56 \times 100 \div 7$

(r) 11% of ■ is 33.

$$\frac{33}{100} = \frac{11}{\quad}$$

(300)
 $33 \times 100 \div 11$

(k) 25 is ■% of 80.

$$\frac{25}{80} = \frac{\quad}{100}$$

(31.25)
 $25 \times 100 \div 80$

(s) ■ is 42.5% of 60.

$$\frac{\quad}{60} = \frac{42.5}{100}$$

(25.5)
 $60 \times 42.5 \div 100$

(l) ■ is 12.5% of 80.

$$\frac{\quad}{80} = \frac{12.5}{100}$$

(10)
 $80 \times 12.5 \div 100$

(t) 5 is ■% of 20.

$$\frac{5}{20} = \frac{\quad}{100}$$

(25)
 $5 \times 100 \div 20$

(m) 55% of ■ is 77.

$$\frac{77}{100} = \frac{55}{\quad}$$

(140)
 $77 \times 100 \div 55$

(u) 5% of ■ is 18.

$$\frac{18}{100} = \frac{5}{\quad}$$

(360)
 $18 \times 100 \div 5$

(n) ■ is 10% of 140.

$$\frac{\quad}{140} = \frac{10}{100}$$

(14)
 $140 \times 10 \div 100$

(v) 40 is ■% of 25.

$$\frac{40}{25} = \frac{\quad}{100}$$

(160)
 $40 \times 100 \div 25$

(o) 7.5% of ■ is 180.

$$\frac{180}{100} = \frac{7.5}{\quad}$$

(2400)
 $180 \times 100 \div 7.5$

(w) 12.5% of ■ is 40.

$$\frac{40}{100} = \frac{12.5}{\quad}$$

(320)
 $40 \times 100 \div 12.5$

(p) 140 is ■% of 112.

$$\frac{140}{112} = \frac{\quad}{100}$$

(125)
 $140 \times 100 \div 112$

(x) ■ is 50% of 90.

$$\frac{\quad}{90} = \frac{50}{100}$$

(45)
 $90 \times 50 \div 100$