

Name:

ANSWERS

Period:



Communication



Successful Partnership



Encouragement



Solving Problem Together



Collaboration

Part 4-2 Classwork

Calculators OK

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

(a) 27 is ■% of 30.

90

$$\frac{27}{30} = \frac{\quad}{100} \quad 27 \times 100 \div 30 = 90$$

(e) 2 is ■% of 16.

12.5

$$\frac{2}{16} = \frac{\quad}{100} \quad 2 \times 100 \div 16 = 12.5$$

(b) 24 is ■% of 40.

60

$$\frac{24}{40} = \frac{\quad}{100} \quad 24 \times 100 \div 40 = 60$$

(f) 99 is ■% of 90.

110

$$\frac{99}{90} = \frac{\quad}{100} \quad 99 \times 100 \div 90 = 110$$

(c) 8 is ■% of 20.

40

$$\frac{8}{20} = \frac{\quad}{100} \quad 8 \times 100 \div 20 = 40$$

(g) 7 is ■% of 50.

14

$$\frac{7}{50} = \frac{\quad}{100} \quad 7 \times 100 \div 50 = 14$$

(d) 50 is ■% of 200.

25

$$\frac{50}{200} = \frac{\quad}{100} \quad 50 \times 100 \div 200 = 25$$

(h) 7 is ■% of 200.

3.5

$$\frac{7}{200} = \frac{\quad}{100} \quad 7 \times 100 \div 200 = 3.5$$

(i) 15 is ■% of 20. **75**
 $\frac{15}{20} = \frac{\quad}{100}$ $15 \times 100 \div 20 = 75$

(j) 30 is ■% of 300. **10**
 $\frac{30}{300} = \frac{\quad}{100}$ $30 \times 100 \div 300 = 10$

(k) 30 is ■% of 600. **5**
 $\frac{30}{600} = \frac{\quad}{100}$ $30 \times 100 \div 600 = 5$

(l) 30 is ■% of 15. **200**
 $\frac{30}{15} = \frac{\quad}{100}$ $30 \times 100 \div 15 = 200$

(m) 30 is ■% of 30. ~~100~~ **100**
 $\frac{30}{30} = \frac{\quad}{100}$ $30 \times 100 \div 30 = 100$

(n) 30 is ■% of 10. **300**
 $\frac{30}{10} = \frac{\quad}{100}$ $30 \times 100 \div 10 = 300$

(o) 30 is ■% of 5. **600**
 $\frac{30}{5} = \frac{\quad}{100}$ $30 \times 100 \div 5 = 600$

(p) 6 is ■% of 30. ~~20~~ **20**
 $\frac{6}{30} = \frac{\quad}{100}$ $6 \times 100 \div 30 = 20$

(q) 12 is ■% of 32. **37.5**
 $\frac{12}{32} = \frac{\quad}{100}$ $12 \times 100 \div 32 = 37.5$

(r) 20 is ■% of 32. **62.5**
 $\frac{20}{32} = \frac{\quad}{100}$ $20 \times 100 \div 32 = 62.5$

(s) 28 is ■% of 32. **87.5**
 $\frac{28}{32} = \frac{\quad}{100}$ $28 \times 100 \div 32 = 87.5$

(t) 36 is ■% of 32. **112.5**
 $\frac{36}{32} = \frac{\quad}{100}$ $36 \times 100 \div 32 = 112.5$

(u) 44 is ■% of 32. **137.5**
 $\frac{44}{32} = \frac{\quad}{100}$ $44 \times 100 \div 32 = 137.5$

(v) 26 is ■% of 40. **65**
 $\frac{26}{40} = \frac{\quad}{100}$ $26 \times 100 \div 40 = 65$

(w) 26 is ■% of 80. **32.5**
 $\frac{26}{80} = \frac{\quad}{100}$ $26 \times 100 \div 80 = 32.5$

(x) 52 is ■% of 320. **16.25**
 $\frac{52}{320} = \frac{\quad}{100}$ $52 \times 100 \div 320 = 16.25$