

Math Sheet

Name _____ Score _____ / 10 Teacher _____ Date _____

Percentage Word Problems

Read each story carefully. Use the relevant facts to find the requested quantity.

1. Survey completion — 24 participants are 12% of the full amount. What is the full amount in participants?

2. Event attendance — A total of 300 participants is given. How many participants are 43% of it?

3. Ticket sales — A total of 300 tickets is given. How many tickets are 83% of it?

4. Books shelved — 38 books out of 200 books meet the condition. What percent is that?

5. Trail completed — 240 meters are 80% of the full amount. What is the full amount in meters?

6. Budget spent — A total of 100 dollars is given. How many dollars are 81% of it?

7. Seats filled — 45 seats out of 100 seats meet the condition. What percent is that?

Percentage Word Problems

Read each story carefully. Use the relevant facts to find the requested quantity.

8. Stock sold — 129 items out of 300 items meet the condition. What percent is that?

9. Project progress — A total of 100 units is given. How many units are 17% of it?

10. Donation used — 64 dollars are 64% of the full amount. What is the full amount in dollars?

Percentage Word Problems

Answer key

Read each story carefully. Use the relevant facts to find the requested quantity.

1. Survey completion — 24 participants are 12% of the full amount. What is the full amount in participants?

200 participants

$$200 \times 12 \div 100 = 24$$

2. Event attendance — A total of 300 participants is given. How many participants are 43% of it?

129 participants

$$43 \div 100 \times 300$$

3. Ticket sales — A total of 300 tickets is given. How many tickets are 83% of it?

249 tickets

$$83 \div 100 \times 300$$

4. Books shelved — 38 books out of 200 books meet the condition. What percent is that?

19 percent

$$38 \div 200 \times 100$$

5. Trail completed — 240 meters are 80% of the full amount. What is the full amount in meters?

300 meters

$$300 \times 80 \div 100 = 240$$

6. Budget spent — A total of 100 dollars is given. How many dollars are 81% of it?

81 dollars

$$81 \div 100 \times 100$$

7. Seats filled — 45 seats out of 100 seats meet the condition. What percent is that?

45 percent

$$45 \div 100 \times 100$$

Percentage Word Problems

Answer key

Read each story carefully. Use the relevant facts to find the requested quantity.

8. Stock sold — 129 items out of 300 items meet the condition. What percent is that?

43 percent

$$129 \div 300 \times 100$$

9. Project progress — A total of 100 units is given. How many units are 17% of it?

17 units

$$17 \div 100 \times 100$$

10. Donation used — 64 dollars are 64% of the full amount. What is the full amount in dollars?

100 dollars

$$100 \times 64 \div 100 = 64$$