Name: _____ Date: _____

Percent Word Problems

Grades 6–7 • 24 questions • Find the part, the whole and the percent. Draw a bar if it helps

1. There are 30 children in a class. 40% of them walk to school. How many walk?

   Answer: _____

2. A box holds 80 apples. 25% are green. How many green apples are there?

   Answer: _____

3. Mia scored 18 out of 24 on a test. What percent did she get right?

   Answer: _____

4. A team won 14 of its 20 games. What percent did it win?

   Answer: _____

5. 12 children are 30% of a club. How many children are in the club?

   Answer: _____

6. A tank holds 60 litres when full. It is 35% full. How many litres are in it?

   Answer: _____

7. A $40 game is on sale for 15% off. How much do you save?

   Answer: _____

8. Of 250 people asked, 60% chose pizza. How many chose pizza?

   Answer: _____

9. 9 of the 36 marbles in a bag are red. What percent are red?

   Answer: _____

10. A $24 shirt has 5% sales tax. What is the total cost?

    Answer: _____

11. Sam spent $18, which was 45% of his money. How much did he have?

    Answer: _____

12. A school has 600 students. 15% take the bus. How many take the bus?

    Answer: _____

Name: _____ Date: _____

Percent Word Problems

Questions 13 to 24 • Change, shopping, interest and two-step problems

13. A plant grew from 20 cm to 26 cm. What is the percent increase?

Answer: _____

14. A price fell from $50 to $40. What is the percent decrease?

Answer: _____

15. A town of 8,000 people grows by 5%. What is the new population?

Answer: _____

16. A $90 bill gets a 20% tip. How much is the tip?

Answer: _____

17. $400 is saved at 3% simple interest for 2 years. How much interest is earned?

Answer: _____

18. A $75 jacket is 40% off. What is the sale price?

Answer: _____

19. A shop buys a toy for $16 and sells it for $20. What is the percent markup?

Answer: _____

20. Ben guessed there were 45 sweets. There were 50. What is the percent error?

Answer: _____

21. A recipe uses 250 g of flour. 20% more is needed. How much flour now?

Answer: _____

22. A phone battery is at 80%. It uses 15% each hour. How many hours until it reaches 20%?

Answer: _____

23. In a survey, 3/5 of children like football. What percent is that?

Answer: _____

24. A $200 bike is 25% off, then 10% off the sale price. What is the final price?

Answer: _____

Answer Key — Percent Word Problems

1. 12
2. 20
3. 75%
4. 70%
5. 40
6. 21 litres
7. $6
8. 150
9. 25%
10. $25.20
11. $40
12. 90
13. 30%
14. 20%
15. 8,400
16. $18
17. $24
18. $45
19. 25%
20. 10%
21. 300 g
22. 4 hours
23. 60%
24. $135