Name: _____ Date: _____

Decimal Word Problems

Grades 4–6 • 24 questions • Read twice, choose the operation, estimate, then check your answer

1. A pencil costs $0.45 and an eraser costs $0.30. How much do they cost together?

   Answer: _____

2. Jo has $5. She buys a drink for $1.85. How much money does she have left?

   Answer: _____

3. A puppy weighed 2.4 kg. It gained 0.8 kg. How much does it weigh now?

   Answer: _____

4. Sam jumped 1.35 m and Ali jumped 1.5 m. Who jumped further, and by how much?

   Answer: _____

5. A bottle holds 1.5 litres. Mia drinks 0.35 litres. How much is left?

   Answer: _____

6. Put these times in order from fastest to slowest: 9.8 s, 9.08 s, 9.85 s.

   Answer: _____

7. Three books cost $4.25, $6.50 and $3.75. What is the total cost?

   Answer: _____

8. A lap of the track is 0.4 km. How far is 6 laps?

   Answer: _____

9. One notebook costs $1.25. How much do 8 notebooks cost?

   Answer: _____

10. A recipe needs 0.75 kg of flour. How much flour is needed for 3 batches?

    Answer: _____

11. A 4.8 m plank is cut into 4 equal pieces. How long is each piece?

    Answer: _____

12. Five friends share $12.50 equally. How much does each friend get?

    Answer: _____

Name: _____ Date: _____

Decimal Word Problems

Questions 13 to 24 • Dividing, rounding and two-step problems

13. A 2.5 litre jug fills cups of 0.25 litres. How many cups can it fill?

Answer: _____

14. Petrol costs $1.40 per litre. How much do 20 litres cost?

Answer: _____

15. A cloth is 3.6 m long. How many 0.4 m strips can be cut from it?

Answer: _____

16. Round $18.65 to the nearest dollar.

Answer: _____

17. Estimate the total of $3.95, $2.10 and $6.05 to the nearest dollar.

Answer: _____

18. A 1 kg bag of rice costs $2.80. How much does 2.5 kg cost?

Answer: _____

19. Leo walks 1.25 km to school and 1.25 km home each day. How far does he walk in 5 days?

Answer: _____

20. Ava buys 3 pens at $1.20 each and pays with $5. How much change does she get?

Answer: _____

21. A tank holds 45.6 litres. 3 equal buckets empty it. How much does each bucket hold?

Answer: _____

22. A rope is 10 m long. 3 pieces of 2.25 m are cut off. How much rope is left?

Answer: _____

23. Apples cost $0.60 each and pears $0.75 each. How much for 4 apples and 2 pears?

Answer: _____

24. A runner's time improved from 14.32 s to 13.9 s. By how many seconds did it improve?

Answer: _____

Answer Key — Decimal Word Problems

1. $0.75
2. $3.15
3. 3.2 kg
4. Ali, by 0.15 m
5. 1.15 litres
6. 9.08 s, 9.8 s, 9.85 s
7. $14.50
8. 2.4 km
9. $10
10. 2.25 kg
11. 1.2 m
12. $2.50
13. 10 cups
14. $28
15. 9 strips
16. $19
17. About $12
18. $7
19. 12.5 km
20. $1.40
21. 15.2 litres
22. 3.25 m
23. $3.90
24. 0.42 s