SASKATCHEWAN FOUNDATIONS OF MATHEMATICS 20 · UNIT C

# Proportional Reasoning, Rates and Scale — Practice Test

**Saskatchewan Foundations of Mathematics 20 • 25 questions**

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **If 3 items cost 7 dollars, then 6 items at the same rate cost, in dollars,**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A car travels 180 km in 5 hours. Its speed, in kilometres per hour, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **If 4 items cost 5 dollars, then 15 items at the same rate cost, in dollars,**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **If 4 items cost 5 dollars, then 20 items at the same rate cost, in dollars,**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **Solve : $\frac{3}{x}$ = 5 / 15 . The value of x is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **A car travels 240 km in 4 hours. Its speed, in kilometres per hour, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **Solve : $\frac{2}{x}$ = 7 / 14 . The value of x is**

ANSWER _____

Understand It with Pulse | Flag a mistake

**8** The rate 7 dollars for 8 items, in dollars per item, is

- A 0.88
- B 1.14
- C 15
- D 56

Understand It with Pulse | Flag a mistake

**9** A quantity of 100 is 25 percent of a whole. The whole is

ANSWER _____

Understand It with Pulse | Flag a mistake

**10** If 4 items cost 5 dollars, then 6 items at the same rate cost, in dollars,

ANSWER _____

Understand It with Pulse | Flag a mistake

**11** **A car travels 150 km in 2 hours. Its speed, in kilometres per hour, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

**12** **The rate 13 dollars for 12 items, in dollars per item, is**

A 0.92

B 1.08

C 25

D 156

Understand It with Pulse | Flag a mistake

**13** **A car travels 180 km in 3 hours. Its speed, in kilometres per hour, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

14 **On a map with scale 1 to 50000, 2 cm represents, in kilometres,**

ANSWER _____

Understand It with Pulse | Flag a mistake

15 **On a map with scale 1 to 50000, 4 cm represents, in kilometres,**

ANSWER _____

Understand It with Pulse | Flag a mistake

16 **On a map with scale 1 to 25000, 2 cm represents, in kilometres,**

ANSWER _____

Understand It with Pulse | Flag a mistake

17 **If 5 items cost 9 dollars, then 20 items at the same rate cost, in dollars,**

ANSWER _____

Understand It with Pulse | Flag a mistake

18 **If 2 items cost 3 dollars, then 6 items at the same rate cost, in dollars,**

ANSWER _____

Understand It with Pulse | Flag a mistake

19 **A car travels 120 km in 3 hours. Its speed, in kilometres per hour, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **On a map with scale 1 to 200000, 8 cm represents, in kilometres,**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **A car travels 90 km in 4 hours. Its speed, in kilometres per hour, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **A car travels 300 km in 5 hours. Its speed, in kilometres per hour, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 **A car travels 240 km in 3 hours. Its speed, in kilometres per hour, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

24 **If 4 items cost 5 dollars, then 10 items at the same rate cost, in dollars,**

ANSWER _____

Understand It with Pulse | Flag a mistake

25 **If 4 items cost 5 dollars, then 12 items at the same rate cost, in dollars,**

ANSWER _____

Understand It with Pulse | Flag a mistake

# ANSWER KEY

1. 14
2. 36
3. 18.75
4. 25
5. 9
6. 60
7. 4
8. A
9. 400
10. 7.5
11. 75
12. B
13. 60
14. 1
15. 2
16. 0.5
17. 36
18. 9
19. 40
20. 16
21. 22.5
22. 60
23. 80
24. 12.5
25. 15

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