

Practice Worksheet — Grade 5 Mathematics

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Area perimeter

1. A rectangle has length 9 cm and width 5 cm. Find its perimeter.

Answer: _____ (cm)

2. A square has a perimeter of 36 cm. What is the side length?

Answer: _____ (cm)

Chance and averages

3. A grade 5 class made a double bar graph of how students travel to school, with one bar for Tuesday and one for Thursday in each category. The graph shows that on Tuesday 9 students walked and 6 took the bus, while on Thursday 5 students walked and 11 took the bus. How many more students took the bus on Thursday than on Tuesday?

Answer: _____

4. A pictograph symbol represents 5 students, and there are 4 symbols for 'walks to school'. How many students walk to school?

Answer: _____

5. If you flip a fair coin, what is the chance of landing on heads?

- a) 1 out of 4
- b) 1 out of 3
- c) 1 out of 2
- d) certain

6. Rolling a standard 6-sided die, which outcome is impossible?

- a) rolling an even number
- b) rolling a 1
- c) rolling a 7
- d) rolling a 6

Decimal place value

7. $3.45 + 2.6 = ?$

Answer: _____

8. Jonah buys a notebook for \$4.75, a pen for \$2.60 and a calculator for \$8.15. He pays with a \$20 bill. How much change should he get back, in dollars?

Answer: _____

9. $7.8 - 3.25 = ?$

Answer: _____

10. Which is greater: 0.6 or 0.58?

- a) 0.6
- b) They are equal
- c) Cannot tell
- d) 0.58

Measurement and angles

11. How many millimetres are in 4.5 centimetres?

Answer: _____ (mm)

12. An angle that measures exactly 90° is called a:

- a) straight angle
- b) obtuse angle
- c) acute angle
- d) right angle

13. An angle that measures less than 90° is called a:

- a) obtuse angle
- b) reflex angle
- c) right angle
- d) acute angle

Multi digit multiplication division

14. $23 \times 14 = ?$

Answer: _____

15. A factory has 4 836 pencils to pack. They are shared equally into 12 boxes so that every box holds the same number. How many pencils go into each box?

Answer: _____

16. $156 \div 4 = ?$

Answer: _____

Patterns and unknowns

17. What is the next number in the pattern: 4, 9, 14, 19, ____?

- a) 23
- b) 25
- c) 24
- d) 22

18. Find the missing number: $8 \times \square = 56$

Answer: _____

19. Find the missing number: $\square - 15 = 23$

Answer: _____

Probability basics

20. A bag has 3 red and 7 blue marbles. What is the probability (as a percent) of drawing a blue marble?

Answer: _____ (%)