



Grade 4 Math Practice — Grade 4 (Set 5) — Answer Key

Core Skills Edition | Curriculum-aligned worksheet

Multiplication & Division

Solve using strategies you know. Show your work for open-response questions.

1. What is 5×9 ?

A) 36

B) 45 [CORRECT]

C) 50

D) 54

2. What is 8×6 ?

A) 56

B) 42

C) 48 [CORRECT]

D) 49

3. What is $48 \div 8$?

A) 5

B) 6 [CORRECT]

C) 7

D) 8

4. There are 9 boxes with 5 items each. How many items total?

A) 40

B) 45 [CORRECT]

C) 54

D) 44

5. 45 students are divided equally into 9 groups. How many in each group?

A) 4

B) 5 [CORRECT]

C) 6

D) 7



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6. A store sells apples in bags of 8. A customer buys 6 bags. How many apples? If each apple costs 25¢, what is the total cost?

Answer: $8 \times 6 = 48$ apples. **Cost:** $48 \times \$0.25 = \12.00

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Fractions

Compare, order, and find equivalent fractions.

7. Which fraction is equivalent to $\frac{2}{4}$?

A) $\frac{1}{3}$

B) $\frac{1}{2}$ [CORRECT]

C) $\frac{2}{3}$

D) $\frac{3}{4}$

8. Order from least to greatest: $\frac{3}{4}$, $\frac{1}{2}$, $\frac{1}{4}$

A) $\frac{3}{4}$, $\frac{1}{2}$, $\frac{1}{4}$

B) $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ [CORRECT]

C) $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$

D) $\frac{1}{4}$, $\frac{3}{4}$, $\frac{1}{2}$

9. What is $\frac{1}{4} + \frac{2}{4}$?

A) $\frac{3}{8}$

B) $\frac{3}{4}$ [CORRECT]

C) $\frac{2}{4}$

D) $\frac{1}{2}$

10. Express $\frac{6}{8}$ in lowest terms.

A) $\frac{2}{3}$

B) $\frac{3}{4}$ [CORRECT]

C) $\frac{1}{2}$

D) $\frac{6}{8}$

11. A pie is cut into 10 slices. 3 are eaten. What fraction is left?

A) $\frac{5}{10}$ [CORRECT]

B) $\frac{3}{10}$

C) $\frac{7}{10}$

D) $\frac{2}{10}$



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12. Explain why $\frac{1}{3}$ is less than $\frac{1}{2}$ using words or a picture.

Answer: When a whole is split into MORE equal parts, each part is SMALLER. $\frac{1}{3}$ means 3 parts (smaller pieces), $\frac{1}{2}$ means 2 parts (bigger pieces). So $\frac{1}{3} < \frac{1}{2}$.

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Measurement

Calculate perimeter and area. Convert between units.

13. A rectangle is 8 cm by 4 cm. What is its area?

A) 12

B) 24

C) 32 [CORRECT]

D) 16

14. How many centimetres are in 2.5 metres?

A) 25

B) 250 [CORRECT]

C) 2500

D) 205

15. A square has a perimeter of 16 cm. What is the length of one side?

A) 3

B) 4 [CORRECT]

C) 5

D) 8

16. An angle measuring 90° is called a ____ angle.

A) acute

B) right [CORRECT]

C) obtuse

D) straight

17. A garden is 8 m by 4 m. What is its area?

A) 28

B) 32 [CORRECT]

C) 40

D) 24



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18. A farmer's field is 12 m long and 8 m wide. If fencing costs \$3 per metre, how much will it cost to fence the entire field?

Answer: Perimeter = $2(12+8) = 40$ m. Cost = $40 \times \$3 = \120 .

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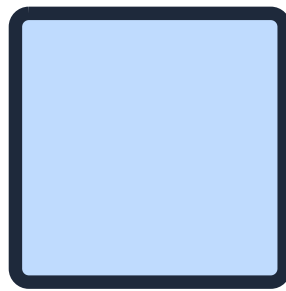
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Geometry & Spatial Sense

Identify properties of shapes and transformations.

19. How many lines of symmetry does a square have?



A

- A) 1
- B) 2
- C) 4 [CORRECT]**
- D) 8

20. Which shape has exactly 5 sides?



A



B



C



D

- A) Hexagon
- B) Pentagon [CORRECT]**
- C) Octagon
- D) Quadrilateral

21. A shape is flipped over a line. This transformation is called a:

- A) Rotation
- B) Translation
- C) Reflection [CORRECT]**



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D) Enlargement

22. What is the sum of angles in any triangle?

A) 90°

B) 180° [CORRECT]

C) 270°

D) 360°

23. A rectangle has a length that is twice its width. If the width is 4 cm, find the perimeter and area.

Answer: Width = 4 cm, Length = 8 cm. Perimeter = $2(4 + 8) = 24$ cm. Area = $4 \times 8 = 32$ cm².

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Data Management & Probability

Read the data and answer the questions.

24. Favourite fruit: Apples = 3, Bananas = 6, Oranges = 7. How many in total?

A) 14

B) 16 [CORRECT]

C) 17

D) 19

25. Using the data above, which fruit was most popular?

A) Apples

B) Bananas

C) Oranges [CORRECT]

D) Cannot tell

26. A bag has 3 red and 2 blue marbles. Is it more likely to draw red or blue?

A) Red [CORRECT]

B) Blue

C) Equally likely

D) Impossible to tell

27. The mean of 4, 6, 8 is:

A) 4

B) 5

C) 6 [CORRECT]

D) 7

28. Conduct a survey by asking 10 friends their favourite animal. Show the results in a tally chart. Which was most popular?

Answer: Answers will vary. Look for: a clear tally chart with at least 3 categories, tallies that add up to 10, and a correct identification of the most popular choice.



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