



Grade 4 Math Practice — Grade 4 (Set 8) — 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 8×4 ?

A) 28

B) 32 [CORRECT]

C) 40

D) 36

2. What is 7×7 ?

A) 56

B) 42

C) 49 [CORRECT]

D) 50

3. What is $49 \div 7$?

A) 6

B) 7 [CORRECT]

C) 8

D) 9

4. There are 4 boxes with 8 items each. How many items total?

A) 24

B) 32 [CORRECT]

C) 36

D) 31

5. 32 students are divided equally into 4 groups. How many in each group?

A) 7

B) 8 [CORRECT]

C) 9

D) 10



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6. A store sells apples in bags of 7. A customer buys 7 bags. How many apples? If each apple costs 25¢, what is the total cost?

Answer: $7 \times 7 = 49$ apples. **Cost:** $49 \times \$0.25 = \12.25

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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 12 cm by 3 cm. What is its area?

A) 15

B) 30

C) 36 [CORRECT]

D) 18

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 12 cm. What is the length of one side?

A) 2

B) 3 [CORRECT]

C) 4

D) 6

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

A) acute

B) right [CORRECT]

C) obtuse

D) straight

17. A garden is 12 m by 3 m. What is its area?

A) 33

B) 36 [CORRECT]

C) 48

D) 30



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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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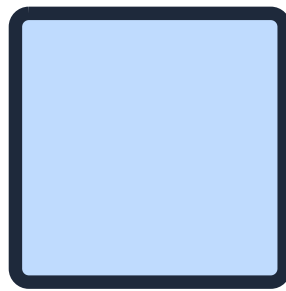
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Geometry & Spatial Sense

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 3 cm, find the perimeter and area.**Answer: Width = 3 cm, Length = 6 cm. Perimeter = $2(3 + 6) = 18$ cm. Area = $3 \times 6 = 18$ cm².**

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Data Management & Probability

Read the data and answer the questions.

24. Favourite fruit: Apples = 10, Bananas = 9, Oranges = 5. How many in total?

A) 22

B) 24 [CORRECT]

C) 25

D) 27

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

A) Apples ? [CORRECT]

B) Bananas

C) Oranges

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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