



## Grade 3 Math Practice — Grade 3 (Set 3) — Answer Key

Core Skills Edition | Curriculum-aligned worksheet

### Multiplication & Division

Use arrays, skip counting, or grouping to solve.

1. What is  $8 \times 6$ ?

A) 42

**B) 48 [CORRECT]**

C) 56

D) 54

2. What is  $5 \times 5$ ?

A) 30

B) 20

**C) 25 [CORRECT]**

D) 26

3. What is  $25 \div 5$ ?

A) 4

**B) 5 [CORRECT]**

C) 6

D) 7

4. There are 6 boxes with 8 items each. How many items total?

A) 40

**B) 48 [CORRECT]**

C) 54

D) 47

5. 48 students are divided equally into 6 groups. How many in each group?

A) 7

**B) 8 [CORRECT]**

C) 9

D) 10



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6. Draw an array showing 6 rows of 8. Write the multiplication sentence.

**Answer: 6 rows of 8 =  $6 \times 8 = 48$ . Array shows 48 items total.**

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### Fractions

*Fractions show equal parts of a whole.*

7. A pizza is cut into 4 equal slices. You eat 1 slice. What fraction did you eat?

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

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

**C)  $\frac{1}{4}$  [CORRECT]**

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

8. What fraction of this shape is shaded if 2 out of 3 equal parts are coloured?

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

**B)  $\frac{2}{3}$  [CORRECT]**

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

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

9. Which fraction is LARGER:  $\frac{1}{2}$  or  $\frac{1}{4}$ ?

A)  $\frac{1}{4}$

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

C) They are equal

D) Cannot tell

10. 12 stickers shared equally among 3 children. How many each?

A) 3

**B) 4 [CORRECT]**

C) 5

D) 6

11. Draw a rectangle. Divide it into 4 equal parts. Color 3 parts. Write the fraction that is coloured.

**Answer:  $\frac{3}{4}$  is coloured (3 out of 4 equal parts).**



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### Measurement

*Measure length, mass, and capacity. Choose appropriate units.*

**12.** Which unit would you use to measure the length of your pencil?

A) Kilometres

B) Metres

**C) Centimetres [CORRECT]**

D) Grams

**13.** Which is heavier: 1 kilogram or 1 gram?

A) 1 gram

**B) 1 kilogram [CORRECT]**

C) They are equal

D) Cannot tell

**14.** A rectangle is 10 cm long and 3 cm wide. What is its perimeter?

A) 13

B) 30

**C) 26 [CORRECT]**

D) 23

**15.** A book is 20 cm long. How many fit along a 1-metre shelf?

A) 8

**B) 10 [CORRECT]**

C) 12

D) 15

**16.** It is 3:15 PM. Math class lasts 45 minutes. What time does it end? Show your thinking.

**Answer:  $3:15 + 45 \text{ minutes} = 4:00 \text{ PM}$ .**



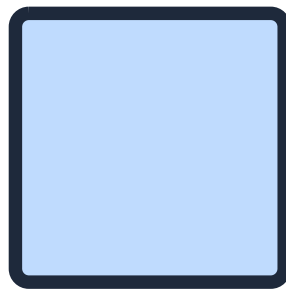
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### Geometry & Spatial Sense

Identify properties of shapes and transformations.

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



A

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

18. Which shape has exactly 5 sides?



A



B



C



D

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

19. 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

**20.** Which shape has faces that are all rectangles?

A) Sphere

B) Cone

**C) Rectangular prism [CORRECT]**

D) Cylinder

**21.** Name a 3D shape. Describe its faces, edges, and vertices.

**Answer: Example: Rectangular prism. 6 faces (all rectangles), 12 edges, 8 vertices.**

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### Data Management & Probability

*Read the data and answer the questions.*

**22.** Favourite fruit: Apples = 8, Bananas = 7, Oranges = 6. How many in total?

A) 19

**B) 21 [CORRECT]**

C) 22

D) 24

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

**A) Apples ? [CORRECT]**

B) Bananas

C) Oranges

D) Cannot tell

**24.** 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

**25.** If you flip a coin, what is the chance of heads?

A) Certain

B) Likely

**C) Equally likely [CORRECT]**

D) Impossible

**26.** 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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