



EQAO Grade 3 Math Practice — Answer Key

Ontario Primary Division — Number Sense, Measurement, Geometry, Patterning & Data

Number Sense & Numeration

These questions test place value, addition, subtraction, and basic multiplication.

1. What is the value of the digit 5 in the number 358?

A) 5

B) 50 [CORRECT]

C) 500

D) 58

2. Maria has 247 stickers. She gives 83 to her friend. How many stickers does she have left?

A) 154

B) 164 [CORRECT]

C) 174

D) 163

3. Which number is three hundred forty-six written in standard form?

A) 364

B) 346 [CORRECT]

C) 3046

D) 306

4. What is 8×5 ?

A) 35

B) 40 [CORRECT]

C) 45

D) 48

5. Round 467 to the nearest hundred.

A) 400

B) 470

C) 500 [CORRECT]

D) 460



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6. Jamal has 3 groups of 6 marbles. How many marbles does he have in total?

Answer: 18 marbles ($3 \times 6 = 18$)

7. Write a number sentence that shows 24 divided equally into 4 groups. How many are in each group?

Answer: $24 \div 4 = 6$. There are 6 in each group.

MapleMath



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Measurement

Questions on length, mass, capacity, area, and perimeter.

8. Which unit would you use to measure the length of a school hallway?

- A) Centimetres
- B) Metres [CORRECT]**
- C) Kilometres
- D) Grams

9. A rectangle is 5 cm long and 3 cm wide. What is its perimeter?

- A) 8 cm
- B) 15 cm
- C) 16 cm [CORRECT]**
- D) 30 cm

10. Which is the best estimate for the mass of a textbook?

- A) 1 gram
- B) 1 kilogram [CORRECT]**
- C) 10 kilograms
- D) 100 grams

11. A square has sides of 4 cm. What is its area?

- A) 8 cm²
- B) 12 cm²
- C) 16 cm² [CORRECT]**
- D) 20 cm²

12. Sarah started her homework at 3:45 PM and finished at 4:30 PM. How long did she work?

Answer: 45 minutes



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Geometry & Spatial Sense

Identify shapes, symmetry, and transformations.

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

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

14. Which shape has exactly 3 sides and 3 vertices?

- A) Rectangle
- B) Pentagon
- C) Triangle [CORRECT]**
- D) Hexagon

15. A shape is slid to the right without turning. What transformation is this?

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

16. Draw a shape that has exactly one line of symmetry. Label the line of symmetry.

Answer: Acceptable answers include an isosceles triangle, a heart shape, or the letter A with a vertical line drawn through the centre.



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Patterning & Algebra

Identify, extend, and create patterns.

17. What are the next three numbers in this pattern? 2, 5, 8, 11, ____, ____, ____

A) 13, 15, 17

B) 14, 17, 20 [CORRECT]

C) 12, 13, 14

D) 14, 16, 18

18. If the pattern rule is "start at 1, multiply by 2", what are the first 5 terms?

A) 1, 2, 3, 4, 5

B) 1, 2, 4, 8, 16 [CORRECT]

C) 2, 4, 6, 8, 10

D) 1, 3, 5, 7, 9

19. A bag has some apples. After adding 7, there are 15. How many were in the bag to start?

Answer: 8 apples. ($? + 7 = 15$, so $? = 15 - 7 = 8$)



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Data Management & Probability

Read graphs, interpret data, and understand likelihood.

20. A bar graph shows: Red = 5, Blue = 8, Green = 3. How many more students chose Blue than Green?

A) 2

B) 3

C) 5 [CORRECT]

D) 8

21. A spinner has 4 equal sections: red, blue, green, yellow. What is the probability of landing on blue?

A) 1 out of 2

B) 1 out of 3

C) 1 out of 4 [CORRECT]

D) 2 out of 4

22. The tally chart shows: Soccer |||| (4), Basketball ||||| || (7), Hockey ||| (3). How many students were surveyed in total?

Answer: 14 students ($4 + 7 + 3 = 14$)



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