Product title: Mathematics MCQ for Eleven Plus - Fractions Topic Sample Sheet 1.pdf

Contents: Mathematics Sample Test

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Questions

1. Subtract: 5/8 - 1/4

A: 1/2

B: 3/8

C: 2/8

D: 7/8

2. Which mixed number is equivalent to 9/4?

A: 2 1/4

B: 1 3/4

C: 2 2/3

D: 2 2/4

3. If Peter walks 2/3 of a mile and Layla walks 1/2 of a mile. How much farther does Peter walk?

A: 1/6 mile

B: 1/3 mile

C: 1/2 mile

D: 2/3 mile

4. Multiply: 2/3 × 3/5

A: 6/15

B: 5/7

C: 1/2

D: 4/15

5. Add: 2 1/3 + 1 2/3

A: 3

B: 4

C: 4 2/3

D: 3 1/3

6. Which set of fractions is ordered from least to greatest?

A: 1/2, 2/5, 3/4

B: 1/3, 2/3, 3/3

C: 3/8, 5/8, 7/8

D: 3/4, 1/4, 2/4

7. If you eat 3 out of 8 slices of pizza, what fraction is left?

A: 3/8

B: 8/3

C: 5/8

D: 1/2

8. Simplify: 8/12

A: 2/3

B: 3/4

C: 5/6

D: 4/5

9. Which is the smallest fraction among 2/5, 3/7, 1/2, and 4/9?

A: 2/5

B: 3/7

C: 1/2

D: 4/9

10. Which fraction is equivalent to 3/4?

A: 6/8

B: 9/16

C: 8/9

D: 5/12

11. Which improper fraction equals 2 1/2?

A: 5/2

B: 4/3

C: 2/5

D: 7/2

12. Which pair of fractions is equivalent?

A: 4/16 & 1/4

B: 3/7 & 6/7

C: 5/8 & 10/16

D: 2/5 & 4/15

13. How many 1/4 cup scoops are in 2 cups?

A: 8

B: 4

C: 6

D: 2

14. What is 5/6 + 1/3?

A: 1

B: 7/6

C: 9/6

D: 5/9

15. A recipe needs 2/3 cup of butter. If you make 3 times the recipe, how much butter do you need?

A: 2 cups

B: 1 1/2 cups

C: 1 cup

D: 3/2 cups

16. Express 6/18 in simplest terms.

A: 1/3

B: 2/6

C: 1/6

D: 3/18

17. A cake is cut into 12 equal slices. If you take 7 slices, what fraction have you taken?

A: 7/12

B: 12/7

C: 5/12

D: 1/2

18. You have 3/5 liter of juice. You drink 1/5 liter. How much is left?

A: 4/5

B: 2/5

C: 1/2

D: 3/4

19. Divide: 7/12 ÷ 2/3

A: 21/24

B: 7/8

C: 14/36

D: 12/7

20. What is the reciprocal of 3/7?

A: 7/3

B: 3/7

C: 1/3

D: 1/7

Answer Sheet

1. B	2. A	3. A	4. A	5. B
6. C	7. C	8. A	9. A	10. A
11. A	12. C	13. A	14. B	15. A
16. A	17. A	18. B	19. B	20. A