Product title: Mathematics MCQ for Eleven Plus - Fractions Topic Sample Sheet 3.pdf

Contents: Mathematics Sample Test

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Questions

1. Divide: (9/10) ÷ (3/5)

A: 3/2

B: 2/3

C: 3/5

D: 5/3

2. Simplify: (5/6) ÷ (10/12)

A: 1

B: 2

C: 3/2

D: 1/2

3. A pizza is cut into 12 slices. If you eat 3/4 of it, how many slices did you eat?

A: 8

B: 9

C: 10

D: 6

4. What is 2/3 of 36?

A: 20

B: 22

C: 24

D: 26

5. Subtract: (5/6) - (1/3)

A: 2/3

B: 1/2

C: 3/4

D: 5/9

6. Simplify: (3/4) ÷ (1/2)

A: 3/2

B: 1/2

C: 2/3

D: 3/4

7. Simplify: (2/3) + (4/9)

A: 8/9

B: 10/9

C: 2/9

D: 6/9

8. Simplify: (7/8) of (24/21)

A: 2/1

B: 1

C: 1/1

D: 2

9. Find 3/8 of 64.

A: 16

B: 18

C: 20

D: 24

10. Simplify: (3/7) × (14/9)

A: 2/3

B: 2/1

C: 1/2

D: 4/3

11. Subtract: 7/6 - 2/3

A: 1/2

B: 2/3

C: 5/6

D: 3/4

12. Find the reciprocal of 5/8.

A: 8/5

B: 5/8

C: 3/8

D: 2/5

13. Simplify: (15/20) ÷ (3/4)

A: 1

B: 5/4

C: 1/2

D: 3/5

14. If 3/5 of a class of 40 students are girls, how many girls are there?

A: 20

B: 22

C: 24

D: 25

15. Convert 3/4 to a percentage.

A: 50%

B: 60%

C: 70%

D: 75%

16. If 2/5 of a number is 16, what is the number?

A: 30

B: 35

C: 40

D: 45

17. Which fraction is greater: 7/9 or 3/4?

A: 7/9

B: 3/4

C: Equal

D: Cannot be compared

18. Multiply: (2/5) × (3/7)

A: 6/35

B: 5/14

C: 7/15

D: 3/10

19. Add: 5/8 + 3/4

A: 1

B: 11/8

C: 5/4

D: 7/8

20. Simplify: (3/4) ÷ (9/16)

A: 4/3

B: 3/2

C: 16/9

D: 12/9

Answer Sheet

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