



Product title: Mathematics MCQ for Eleven Plus - Fractions Topic Sample Sheet 4.pdf

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Mathematics Sample Test
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Questions

1. What fraction of an hour is 30 minutes?

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

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

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

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

2. Subtract: $(\frac{7}{8}) - (\frac{3}{4})$

A: $\frac{1}{8}$

B: $\frac{2}{8}$

C: $\frac{3}{8}$

D: $\frac{4}{8}$

3. If $\frac{1}{4}$ of a tank holds 15 liters, what is the full capacity of the tank?

A: 40

B: 50

C: 60

D: 70

4. Simplify: $(\frac{4}{7}) \div (\frac{2}{5})$

A: $\frac{10}{7}$

B: $\frac{8}{7}$

C: $\frac{9}{7}$

D: $\frac{7}{8}$

5. Add: $(\frac{3}{5}) + (\frac{7}{10})$

A: $1 \frac{3}{10}$

B: $\frac{3}{2}$

C: $\frac{1}{2}$

D: $\frac{4}{5}$

6. Simplify: $(\frac{5}{6}) \div (\frac{5}{12})$

A: 2

B: $\frac{1}{2}$

C: $\frac{3}{4}$

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

7. Simplify: $(\frac{9}{10}) \times (\frac{5}{9})$

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

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

C: $\frac{1}{4}$

D: $\frac{1}{5}$

8. Find $\frac{2}{7}$ of 63.

A: 16

B: 18

C: 20

D: 14

9. Find $\frac{4}{9}$ of 81.

A: 32

B: 34

C: 36

D: 38

10. Which is smaller: $\frac{5}{8}$ or $\frac{3}{4}$?

A: $\frac{5}{8}$

B: $\frac{3}{4}$

C: Equal

D: Cannot say

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11. Simplify: $(6/8) \div (3/4)$

A: 1

B: 2

C: $3/2$

D: $4/3$

12. Add: $2/3 + 4/9$

A: $8/9$

B: $10/9$

C: $12/9$

D: $14/9$

13. Simplify: $(2/5)$ of $(25/4)$

A: $5/2$

B: 2

C: 3

D: 4

14. Simplify: $(5/12) + (7/8)$

A: $1 \frac{1}{12}$

B: $1 \frac{7}{24}$

C: $1 \frac{9}{24}$

D: $1 \frac{7}{12}$

15. A rope is $3/4$ meter long. How long are 5 such ropes?

A: 3.25 meters

B: 3.75 meters

C: 4 meters

D: 5.5 meters

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16. Simplify: $(8/9) \times (3/4)$

A: $2/3$

B: $3/4$

C: $4/5$

D: $5/6$

17. Simplify: $(7/9) \div (14/27)$

A: $3/2$

B: $2/3$

C: $1/2$

D: $3/4$

18. If a car travels $3/5$ of 100 km, how far has it traveled?

A: 50 km

B: 55 km

C: 60 km

D: 65 km

19. A student completed $3/5$ of his homework. If the total was 20 pages, how many are done?

A: 10

B: 11

C: 12

D: 15

20. If $2/3$ of a distance is 40 km, find the total distance.

A: 50

B: 55

C: 60

D: 65

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Answer Sheet

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

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