



Math worksheet on 'Fraction Addition - Missing Value (Simple) - Two Changed Denominators (Level 3)'. Part of a broader unit on 'Fraction Addition and Subtraction, Mixed - Advanced'

Learn online:

app.mobius.academy/math/units/fractions_addition_and_subtraction_mixed_advance

1 Find the fraction that makes this equation correct

$$\text{---} + \frac{4}{7} = \frac{34}{35}$$

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|---|----------------|---|-----------------|---|-----------------|---|---------------|---|----------------|---|-----------------|
| a | $\frac{2}{39}$ | b | $\frac{33}{35}$ | c | $\frac{33}{37}$ | d | $\frac{2}{5}$ | e | $\frac{1}{35}$ | f | $\frac{10}{13}$ |
|---|----------------|---|-----------------|---|-----------------|---|---------------|---|----------------|---|-----------------|

2 Find the fraction that makes this equation correct

$$\text{---} + \frac{2}{5} = \frac{37}{55}$$

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|---|----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|
| a | $\frac{3}{11}$ | b | $\frac{38}{55}$ | c | $\frac{41}{50}$ | d | $\frac{16}{27}$ | e | $\frac{41}{55}$ | f | $\frac{14}{19}$ |
|---|----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|

3 Find the fraction that makes this equation correct

$$\frac{10}{11} + \text{---} = \frac{92}{77}$$

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|---|---------------|---|-----------------|---|-------------------|---|------------------|---|------------------|---|------------------|
| a | $\frac{2}{7}$ | b | $1\frac{4}{15}$ | c | $1\frac{73}{847}$ | d | $1\frac{16}{87}$ | e | $1\frac{18}{77}$ | f | $1\frac{15}{77}$ |
|---|---------------|---|-----------------|---|-------------------|---|------------------|---|------------------|---|------------------|

4 Find the fraction that makes this equation correct

$$\text{---} + \frac{2}{3} = \frac{32}{21}$$

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|---|---------------|---|------------------|---|-----------------|---|-----------------|---|------------------|---|------------------|
| a | $\frac{6}{7}$ | b | $1\frac{13}{21}$ | c | $1\frac{1}{63}$ | d | $1\frac{8}{21}$ | e | $1\frac{12}{23}$ | f | $1\frac{13}{17}$ |
|---|---------------|---|------------------|---|-----------------|---|-----------------|---|------------------|---|------------------|

5 Find the fraction that makes this equation correct

$$\text{---} + \frac{9}{11} = \frac{129}{77}$$

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|---|-----------------|---|------------------|---|------------------|---|------------------|---|------------------|---|---------------|
| a | $1\frac{7}{11}$ | b | $1\frac{53}{77}$ | c | $1\frac{27}{43}$ | d | $1\frac{48}{77}$ | e | $12\frac{6}{11}$ | f | $\frac{6}{7}$ |
|---|-----------------|---|------------------|---|------------------|---|------------------|---|------------------|---|---------------|

6 Find the fraction that makes this equation correct

$$\text{---} + \frac{2}{3} = \frac{20}{21}$$

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|---|----------|---|----------------|---|---------------|---|-----------------|---|-----------------|---|-----------------|
| a | 1 | b | $7\frac{1}{3}$ | c | $\frac{2}{7}$ | d | $\frac{22}{63}$ | e | $1\frac{1}{21}$ | f | $\frac{17}{21}$ |
|---|----------|---|----------------|---|---------------|---|-----------------|---|-----------------|---|-----------------|

7 Find the fraction that makes this equation correct

$$\frac{4}{11} + \text{---} = \frac{83}{77}$$

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|---|-----------------|---|------------------|---|-----------------|---|------------------|---|------------------|---|---------------|
| a | $1\frac{6}{77}$ | b | $7\frac{10}{11}$ | c | $1\frac{1}{38}$ | d | $\frac{87}{847}$ | e | $1\frac{10}{77}$ | f | $\frac{5}{7}$ |
|---|-----------------|---|------------------|---|-----------------|---|------------------|---|------------------|---|---------------|