



Math worksheet on 'Fraction Addition - Missing Value (Simple) - Two Changed Denominators (Level 2)'. Part of a broader unit on 'Fraction Addition and Subtraction - Advanced'

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1 Find the fraction that makes this equation correct

$$\frac{1}{2} + \frac{\quad}{\quad} = \frac{7}{6}$$

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|---|---------------|----------------|----------------|----------------|----------------|
| a | b | c | d | e | f |
| 4 | $\frac{2}{3}$ | $1\frac{1}{2}$ | $1\frac{2}{7}$ | $1\frac{1}{6}$ | $\frac{7}{12}$ |

2 Find the fraction that makes this equation correct

$$\frac{9}{11} + \frac{\quad}{\quad} = \frac{38}{33}$$

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|----------------|-----------------|-----------------|---------------|-----------------|----------------|
| a | b | c | d | e | f |
| $1\frac{1}{6}$ | $1\frac{3}{11}$ | $1\frac{1}{32}$ | $\frac{1}{3}$ | $1\frac{2}{33}$ | $1\frac{3}{7}$ |

3 Find the fraction that makes this equation correct

$$\frac{\quad}{\quad} + \frac{1}{5} = \frac{13}{15}$$

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|-----------------|---------------|-----------------|----------------|----------------|-----------------|
| a | b | c | d | e | f |
| $\frac{14}{75}$ | $\frac{2}{3}$ | $\frac{13}{75}$ | $\frac{8}{15}$ | $1\frac{1}{8}$ | $\frac{13}{15}$ |

4 Find the fraction that makes this equation correct

$$\frac{3}{5} + \frac{\quad}{\quad} = \frac{38}{55}$$

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|----------------|------------------|-------------------|-----------------|-----------------|-----------------|
| a | b | c | d | e | f |
| $\frac{1}{11}$ | $\frac{41}{275}$ | $\frac{114}{275}$ | $\frac{36}{55}$ | $\frac{34}{55}$ | $\frac{43}{58}$ |

5 Find the fraction that makes this equation correct

$$\frac{1}{7} + \frac{\quad}{\quad} = \frac{39}{77}$$

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|----------------|----------------|-----------------|-----------------|-----------------|----------------|
| a | b | c | d | e | f |
| $\frac{5}{11}$ | $5\frac{5}{7}$ | $\frac{40}{77}$ | $\frac{23}{39}$ | $\frac{13}{27}$ | $\frac{4}{11}$ |

6 Find the fraction that makes this equation correct

$$\frac{\quad}{\quad} + \frac{3}{7} = \frac{16}{21}$$

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|-----------------|---------------|----------------|---------------|---------------|---------------|
| a | b | c | d | e | f |
| $\frac{16}{21}$ | $\frac{4}{7}$ | $\frac{7}{10}$ | $\frac{2}{3}$ | $\frac{5}{6}$ | $\frac{1}{3}$ |

7 Find the fraction that makes this equation correct

$$\frac{3}{5} + \frac{\quad}{\quad} = \frac{11}{10}$$

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|----------------|----------------|---------------|----------------|-----------------|-----------------|
| a | b | c | d | e | f |
| $2\frac{4}{5}$ | $1\frac{2}{5}$ | $\frac{1}{2}$ | $\frac{9}{10}$ | $\frac{10}{11}$ | $\frac{33}{50}$ |