



Math worksheet on 'Fraction Addition - Missing Value (Mixed) - Two Changed Denominators (Level 1)'. Part of a broader unit on 'Fraction Addition and Subtraction, Mixed - Advanced'

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1 Find the fraction that makes this equation correct

$$2\frac{1}{2} + \underline{\hspace{2cm}} = 2\frac{9}{14}$$

- |                 |     |                  |                    |                  |                    |
|-----------------|-----|------------------|--------------------|------------------|--------------------|
| a $\frac{1}{7}$ | b 2 | c $2\frac{5}{7}$ | d $2\frac{13}{14}$ | e $1\frac{1}{2}$ | f $6\frac{17}{28}$ |
|-----------------|-----|------------------|--------------------|------------------|--------------------|

2 Find the fraction that makes this equation correct

$$\underline{\hspace{2cm}} + \frac{1}{3} = 2\frac{8}{15}$$

- |                   |                  |                  |                   |      |                   |
|-------------------|------------------|------------------|-------------------|------|-------------------|
| a $2\frac{9}{16}$ | b $2\frac{1}{5}$ | c $2\frac{3}{5}$ | d $\frac{13}{15}$ | e 13 | f $\frac{38}{45}$ |
|-------------------|------------------|------------------|-------------------|------|-------------------|

3 Find the fraction that makes this equation correct

$$\underline{\hspace{2cm}} + \frac{1}{7} = 3\frac{12}{35}$$

- |                    |                    |                  |                  |                  |                   |
|--------------------|--------------------|------------------|------------------|------------------|-------------------|
| a $3\frac{16}{35}$ | b $3\frac{13}{35}$ | c $3\frac{2}{7}$ | d $3\frac{1}{5}$ | e $3\frac{4}{9}$ | f $16\frac{6}{7}$ |
|--------------------|--------------------|------------------|------------------|------------------|-------------------|

4 Find the fraction that makes this equation correct

$$1\frac{1}{7} + \underline{\hspace{2cm}} = 1\frac{10}{21}$$

- |                 |                   |                  |                    |                   |                   |
|-----------------|-------------------|------------------|--------------------|-------------------|-------------------|
| a $\frac{1}{3}$ | b $1\frac{9}{29}$ | c $1\frac{6}{7}$ | d $1\frac{13}{21}$ | e $1\frac{5}{21}$ | f $2\frac{1}{17}$ |
|-----------------|-------------------|------------------|--------------------|-------------------|-------------------|

5 Find the fraction that makes this equation correct

$$\underline{\hspace{2cm}} + \frac{1}{11} = 1\frac{13}{22}$$

- |                   |                   |                    |                   |                  |                   |
|-------------------|-------------------|--------------------|-------------------|------------------|-------------------|
| a $1\frac{2}{13}$ | b $1\frac{7}{11}$ | c $1\frac{11}{24}$ | d $1\frac{5}{11}$ | e $1\frac{1}{2}$ | f $1\frac{4}{11}$ |
|-------------------|-------------------|--------------------|-------------------|------------------|-------------------|

6 Find the fraction that makes this equation correct

$$\underline{\hspace{2cm}} + \frac{1}{2} = 2\frac{13}{22}$$

- |                   |                    |                    |                    |                   |                    |
|-------------------|--------------------|--------------------|--------------------|-------------------|--------------------|
| a $2\frac{1}{11}$ | b $2\frac{15}{19}$ | c $2\frac{15}{22}$ | d $2\frac{13}{23}$ | e $1\frac{7}{22}$ | f $1\frac{13}{44}$ |
|-------------------|--------------------|--------------------|--------------------|-------------------|--------------------|

7 Find the fraction that makes this equation correct

$$\underline{\hspace{2cm}} + \frac{1}{7} = 3\frac{9}{14}$$

- |                    |                    |                   |                   |                  |                  |
|--------------------|--------------------|-------------------|-------------------|------------------|------------------|
| a $3\frac{13}{15}$ | b $3\frac{13}{14}$ | c $\frac{51}{98}$ | d $\frac{26}{49}$ | e $3\frac{5}{7}$ | f $3\frac{1}{2}$ |
|--------------------|--------------------|-------------------|-------------------|------------------|------------------|