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| **Operations with Mixed Numbers** |
| Show that $1\frac{3}{4}+2\frac{1}{3}=4\frac{1}{12}$ | Show that $3\frac{1}{2}-1\frac{3}{5}=1\frac{9}{10}$ | Show that $3\frac{2}{3}×1\frac{1}{6}=4\frac{5}{18}$ | Show that $5\frac{2}{3}÷1\frac{1}{2}=4\frac{1}{12}$ |
| Write as improper fractions: | $$\frac{7}{4}+\frac{7}{3}$$ | Write as improper fractions: | $$\frac{7}{2}-\frac{8}{5}$$ | Write as improper fractions: | $$\frac{11}{3}×\frac{7}{6}$$ | Write as improper fractions: | $$\frac{17}{3}÷\frac{3}{2}$$ |
| Find a common denominator: | $$=\frac{21}{12}+\frac{28}{12}$$ | Find a common denominator: | $$=\frac{35}{10}-\frac{16}{10}$$ | Multiply numerators and denominators: | $$=\frac{77}{18}$$ | Write as multiplication: | $$=\frac{17}{3}×\frac{2}{3}$$ |
| Add numerators: | $$=\frac{49}{12}$$ | Subtract numerators: | $$=\frac{19}{10}$$ | Simplify and write as mixed number: | $$=4\frac{5}{18}$$ | Multiply numerators and denominators: | $$=\frac{34}{9}$$ |
| Write as mixed number: | $$=4\frac{1}{12}$$ | Write as mixed number: | $$=1\frac{9}{10}$$ | Simplify and write as mixed number: | $$=3\frac{7}{9}$$ |
| Show that $2\frac{1}{2}+3\frac{1}{3}=5\frac{5}{6}$ | Show that $4\frac{1}{2}-2\frac{2}{3}=1\frac{5}{6}$ | Show that $1\frac{3}{4}×2\frac{1}{3}=4\frac{1}{12}$ | Show that $4\frac{1}{2}÷2\frac{2}{3}=1\frac{11}{16}$ |
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| Show that $5\frac{1}{4}+1\frac{2}{5}=6\frac{13}{20}$ | Show that $3\frac{4}{5}-1\frac{2}{3}=2\frac{2}{15}$ | Show that $3\frac{4}{7}×2\frac{1}{2}=8\frac{13}{14}$ | Show that $5\frac{3}{4}÷2\frac{1}{5}=2\frac{27}{44}$ |
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| Show that $1\frac{2}{3}+3\frac{5}{7}=5\frac{8}{21}$ | Show that $5\frac{7}{8}-3\frac{1}{6}=2\frac{17}{24}$ | Show that $5\frac{2}{3}×1\frac{7}{8}=10\frac{5}{8}$ | Show that $2\frac{7}{9}÷3\frac{1}{2}=\frac{50}{63}$ |
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