Are They Equivalent? (A)

Check mark the equations that show equivalent fractions.

$$\frac{5}{11} = \frac{25}{55} \qquad \frac{5}{5} = \frac{10}{10} \qquad \frac{6}{9} = \frac{30}{45} \qquad \frac{8}{12} = \frac{32}{48}$$

$$\frac{6}{11} = \frac{18}{33} \qquad \frac{3}{4} = \frac{9}{12} \qquad \frac{5}{9} = \frac{10}{18} \qquad \frac{6}{6} = \frac{30}{30}$$

$$\frac{5}{10} = \frac{15}{30} \qquad \frac{10}{10} = \frac{30}{30} \qquad \frac{4}{6} = \frac{20}{18} \qquad \frac{1}{3} = \frac{2}{6}$$

$$\frac{7}{8} = \frac{35}{40} \qquad \frac{3}{9} = \frac{9}{36} \qquad \frac{2}{8} = \frac{10}{40} \qquad \frac{4}{5} = \frac{12}{15}$$

$$\frac{2}{7} = \frac{10}{14} \qquad \frac{4}{8} = \frac{12}{32} \qquad \frac{1}{2} = \frac{2}{10} \qquad \frac{5}{11} = \frac{15}{33}$$

$$\frac{3}{10} = \frac{12}{40} \qquad \frac{3}{7} = \frac{6}{14} \qquad \frac{7}{9} = \frac{21}{27} \qquad \frac{1}{6} = \frac{5}{30}$$

$$\frac{9}{9} = \frac{18}{18} \qquad \frac{5}{9} = \frac{10}{18} \qquad \frac{1}{2} = \frac{2}{10} \qquad \frac{4}{7} = \frac{8}{14}$$

$$\frac{6}{8} = \frac{18}{32} \qquad \frac{5}{11} = \frac{15}{33} \qquad \frac{6}{6} = \frac{24}{30} \qquad \frac{1}{2} = \frac{4}{4}$$

$$\frac{1}{7} = \frac{5}{35} \qquad \frac{3}{5} = \frac{9}{15} \qquad \frac{2}{2} = \frac{8}{10} \qquad \frac{3}{3} = \frac{15}{9}$$

Are They Equivalent? (A) Answers

Check mark the equations that show equivalent fractions.

$\dfrac{5}{11} = \dfrac{25}{55}$ ✓ $\dfrac{5}{5} = \dfrac{10}{10}$ ✓ $\dfrac{6}{9} = \dfrac{30}{45}$ ✓ $\dfrac{8}{12} = \dfrac{32}{48}$ ✓

$\dfrac{6}{11} = \dfrac{18}{33}$ ✓ $\dfrac{3}{4} = \dfrac{9}{12}$ ✓ $\dfrac{5}{9} = \dfrac{10}{18}$ ✓ $\dfrac{6}{6} = \dfrac{30}{30}$ ✓

$\dfrac{5}{10} = \dfrac{15}{30}$ ✓ $\dfrac{10}{10} = \dfrac{30}{30}$ ✓ $\dfrac{4}{6} = \dfrac{20}{18}$ ✗ $\dfrac{1}{3} = \dfrac{2}{6}$ ✓

$\dfrac{7}{8} = \dfrac{35}{40}$ ✓ $\dfrac{3}{9} = \dfrac{9}{36}$ ✗ $\dfrac{2}{8} = \dfrac{10}{40}$ ✓ $\dfrac{4}{5} = \dfrac{12}{15}$ ✓

$\dfrac{2}{7} = \dfrac{10}{14}$ ✗ $\dfrac{4}{8} = \dfrac{12}{32}$ ✗ $\dfrac{1}{2} = \dfrac{2}{10}$ ✗ $\dfrac{5}{11} = \dfrac{15}{33}$ ✓

$\dfrac{3}{10} = \dfrac{12}{40}$ ✓ $\dfrac{3}{7} = \dfrac{6}{14}$ ✓ $\dfrac{7}{9} = \dfrac{21}{27}$ ✓ $\dfrac{1}{6} = \dfrac{5}{30}$ ✓

$\dfrac{9}{9} = \dfrac{18}{18}$ ✓ $\dfrac{5}{9} = \dfrac{10}{18}$ ✓ $\dfrac{1}{2} = \dfrac{2}{10}$ ✗ $\dfrac{4}{7} = \dfrac{8}{14}$ ✓

$\dfrac{6}{8} = \dfrac{18}{32}$ ✗ $\dfrac{5}{11} = \dfrac{15}{33}$ ✓ $\dfrac{6}{6} = \dfrac{24}{30}$ ✗ $\dfrac{1}{2} = \dfrac{4}{4}$ ✗

$\dfrac{1}{7} = \dfrac{5}{35}$ ✓ $\dfrac{3}{5} = \dfrac{9}{15}$ ✓ $\dfrac{2}{2} = \dfrac{8}{10}$ ✗ $\dfrac{3}{3} = \dfrac{15}{9}$ ✗

Are They Equivalent? (B)

Check mark the equations that show equivalent fractions.

$\dfrac{7}{8} = \dfrac{14}{16}$ $\dfrac{1}{8} = \dfrac{4}{16}$ $\dfrac{1}{2} = \dfrac{5}{6}$ $\dfrac{1}{11} = \dfrac{2}{22}$

$\dfrac{5}{9} = \dfrac{25}{45}$ $\dfrac{2}{4} = \dfrac{8}{16}$ $\dfrac{4}{10} = \dfrac{20}{30}$ $\dfrac{7}{12} = \dfrac{21}{48}$

$\dfrac{8}{11} = \dfrac{16}{22}$ $\dfrac{4}{5} = \dfrac{16}{20}$ $\dfrac{5}{10} = \dfrac{10}{40}$ $\dfrac{9}{11} = \dfrac{18}{22}$

$\dfrac{1}{10} = \dfrac{2}{50}$ $\dfrac{5}{5} = \dfrac{15}{25}$ $\dfrac{3}{3} = \dfrac{12}{6}$ $\dfrac{4}{12} = \dfrac{8}{24}$

$\dfrac{6}{12} = \dfrac{12}{24}$ $\dfrac{10}{11} = \dfrac{20}{22}$ $\dfrac{4}{5} = \dfrac{16}{20}$ $\dfrac{3}{9} = \dfrac{15}{27}$

$\dfrac{1}{7} = \dfrac{4}{28}$ $\dfrac{6}{9} = \dfrac{12}{36}$ $\dfrac{3}{3} = \dfrac{12}{12}$ $\dfrac{2}{12} = \dfrac{10}{36}$

$\dfrac{3}{8} = \dfrac{9}{24}$ $\dfrac{3}{3} = \dfrac{15}{12}$ $\dfrac{4}{8} = \dfrac{16}{40}$ $\dfrac{3}{10} = \dfrac{12}{40}$

$\dfrac{11}{12} = \dfrac{55}{60}$ $\dfrac{3}{5} = \dfrac{6}{25}$ $\dfrac{2}{3} = \dfrac{4}{6}$ $\dfrac{4}{11} = \dfrac{16}{44}$

$\dfrac{4}{8} = \dfrac{16}{16}$ $\dfrac{2}{3} = \dfrac{4}{6}$ $\dfrac{8}{12} = \dfrac{16}{24}$ $\dfrac{2}{3} = \dfrac{10}{15}$

Are They Equivalent? (B) Answers

Check mark the equations that show equivalent fractions.

$\dfrac{7}{8} = \dfrac{14}{16}$ ✔ $\dfrac{1}{8} = \dfrac{4}{16}$ ✘ $\dfrac{1}{2} = \dfrac{5}{6}$ ✘ $\dfrac{1}{11} = \dfrac{2}{22}$ ✔

$\dfrac{5}{9} = \dfrac{25}{45}$ ✔ $\dfrac{2}{4} = \dfrac{8}{16}$ ✔ $\dfrac{4}{10} = \dfrac{20}{30}$ ✘ $\dfrac{7}{12} = \dfrac{21}{48}$ ✘

$\dfrac{8}{11} = \dfrac{16}{22}$ ✔ $\dfrac{4}{5} = \dfrac{16}{20}$ ✔ $\dfrac{5}{10} = \dfrac{10}{40}$ ✘ $\dfrac{9}{11} = \dfrac{18}{22}$ ✔

$\dfrac{1}{10} = \dfrac{2}{50}$ ✘ $\dfrac{5}{5} = \dfrac{15}{25}$ ✘ $\dfrac{3}{3} = \dfrac{12}{6}$ ✘ $\dfrac{4}{12} = \dfrac{8}{24}$ ✔

$\dfrac{6}{12} = \dfrac{12}{24}$ ✔ $\dfrac{10}{11} = \dfrac{20}{22}$ ✔ $\dfrac{4}{5} = \dfrac{16}{20}$ ✔ $\dfrac{3}{9} = \dfrac{15}{27}$ ✘

$\dfrac{1}{7} = \dfrac{4}{28}$ ✔ $\dfrac{6}{9} = \dfrac{12}{36}$ ✘ $\dfrac{3}{3} = \dfrac{12}{12}$ ✔ $\dfrac{2}{12} = \dfrac{10}{36}$ ✘

$\dfrac{3}{8} = \dfrac{9}{24}$ ✔ $\dfrac{3}{3} = \dfrac{15}{12}$ ✘ $\dfrac{4}{8} = \dfrac{16}{40}$ ✘ $\dfrac{3}{10} = \dfrac{12}{40}$ ✔

$\dfrac{11}{12} = \dfrac{55}{60}$ ✔ $\dfrac{3}{5} = \dfrac{6}{25}$ ✘ $\dfrac{2}{3} = \dfrac{4}{6}$ ✔ $\dfrac{4}{11} = \dfrac{16}{44}$ ✔

$\dfrac{4}{8} = \dfrac{16}{16}$ ✘ $\dfrac{2}{3} = \dfrac{4}{6}$ ✔ $\dfrac{8}{12} = \dfrac{16}{24}$ ✔ $\dfrac{2}{3} = \dfrac{10}{15}$ ✔

Are They Equivalent? (C)

Check mark the equations that show equivalent fractions.

$$\frac{2}{2} = \frac{6}{4} \qquad \frac{5}{8} = \frac{10}{16} \qquad \frac{8}{10} = \frac{24}{40} \qquad \frac{9}{10} = \frac{45}{30}$$

$$\frac{2}{8} = \frac{8}{32} \qquad \frac{8}{9} = \frac{16}{18} \qquad \frac{2}{6} = \frac{6}{18} \qquad \frac{1}{4} = \frac{5}{20}$$

$$\frac{2}{3} = \frac{10}{9} \qquad \frac{2}{4} = \frac{8}{16} \qquad \frac{9}{9} = \frac{18}{18} \qquad \frac{2}{11} = \frac{6}{55}$$

$$\frac{1}{3} = \frac{5}{6} \qquad \frac{3}{6} = \frac{15}{30} \qquad \frac{7}{9} = \frac{14}{18} \qquad \frac{1}{3} = \frac{2}{6}$$

$$\frac{6}{12} = \frac{12}{24} \qquad \frac{8}{11} = \frac{16}{55} \qquad \frac{6}{10} = \frac{18}{20} \qquad \frac{1}{7} = \frac{4}{28}$$

$$\frac{4}{9} = \frac{12}{36} \qquad \frac{3}{4} = \frac{12}{12} \qquad \frac{2}{7} = \frac{8}{28} \qquad \frac{2}{5} = \frac{8}{20}$$

$$\frac{2}{5} = \frac{10}{25} \qquad \frac{2}{9} = \frac{8}{27} \qquad \frac{6}{12} = \frac{12}{24} \qquad \frac{2}{7} = \frac{10}{35}$$

$$\frac{2}{3} = \frac{6}{12} \qquad \frac{1}{3} = \frac{3}{9} \qquad \frac{10}{11} = \frac{40}{33} \qquad \frac{2}{2} = \frac{8}{8}$$

$$\frac{5}{11} = \frac{25}{22} \qquad \frac{6}{6} = \frac{12}{12} \qquad \frac{6}{9} = \frac{12}{18} \qquad \frac{7}{11} = \frac{35}{22}$$

Are They Equivalent? (C) Answers

Check mark the equations that show equivalent fractions.

$\dfrac{2}{2} = \dfrac{6}{4}$ ✗ $\dfrac{5}{8} = \dfrac{10}{16}$ ✓ $\dfrac{8}{10} = \dfrac{24}{40}$ ✗ $\dfrac{9}{10} = \dfrac{45}{30}$ ✗

$\dfrac{2}{8} = \dfrac{8}{32}$ ✓ $\dfrac{8}{9} = \dfrac{16}{18}$ ✓ $\dfrac{2}{6} = \dfrac{6}{18}$ ✓ $\dfrac{1}{4} = \dfrac{5}{20}$ ✓

$\dfrac{2}{3} = \dfrac{10}{9}$ ✗ $\dfrac{2}{4} = \dfrac{8}{16}$ ✓ $\dfrac{9}{9} = \dfrac{18}{18}$ ✓ $\dfrac{2}{11} = \dfrac{6}{55}$ ✗

$\dfrac{1}{3} = \dfrac{5}{6}$ ✗ $\dfrac{3}{6} = \dfrac{15}{30}$ ✓ $\dfrac{7}{9} = \dfrac{14}{18}$ ✓ $\dfrac{1}{3} = \dfrac{2}{6}$ ✓

$\dfrac{6}{12} = \dfrac{12}{24}$ ✓ $\dfrac{8}{11} = \dfrac{16}{55}$ ✗ $\dfrac{6}{10} = \dfrac{18}{20}$ ✗ $\dfrac{1}{7} = \dfrac{4}{28}$ ✓

$\dfrac{4}{9} = \dfrac{12}{36}$ ✗ $\dfrac{3}{4} = \dfrac{12}{12}$ ✗ $\dfrac{2}{7} = \dfrac{8}{28}$ ✓ $\dfrac{2}{5} = \dfrac{8}{20}$ ✓

$\dfrac{2}{5} = \dfrac{10}{25}$ ✓ $\dfrac{2}{9} = \dfrac{8}{27}$ ✗ $\dfrac{6}{12} = \dfrac{12}{24}$ ✓ $\dfrac{2}{7} = \dfrac{10}{35}$ ✓

$\dfrac{2}{3} = \dfrac{6}{12}$ ✗ $\dfrac{1}{3} = \dfrac{3}{9}$ ✓ $\dfrac{10}{11} = \dfrac{40}{33}$ ✗ $\dfrac{2}{2} = \dfrac{8}{8}$ ✓

$\dfrac{5}{11} = \dfrac{25}{22}$ ✗ $\dfrac{6}{6} = \dfrac{12}{12}$ ✓ $\dfrac{6}{9} = \dfrac{12}{18}$ ✓ $\dfrac{7}{11} = \dfrac{35}{22}$ ✗

Are They Equivalent? (D)

Check mark the equations that show equivalent fractions.

$$\frac{12}{12} = \frac{24}{24} \qquad \frac{4}{5} = \frac{12}{15} \qquad \frac{2}{6} = \frac{10}{18} \qquad \frac{6}{7} = \frac{30}{35}$$

$$\frac{7}{9} = \frac{21}{27} \qquad \frac{1}{2} = \frac{5}{10} \qquad \frac{7}{12} = \frac{14}{24} \qquad \frac{3}{4} = \frac{15}{20}$$

$$\frac{2}{5} = \frac{8}{20} \qquad \frac{2}{7} = \frac{4}{21} \qquad \frac{2}{10} = \frac{8}{40} \qquad \frac{3}{8} = \frac{9}{24}$$

$$\frac{10}{10} = \frac{30}{20} \qquad \frac{5}{7} = \frac{25}{14} \qquad \frac{8}{12} = \frac{16}{24} \qquad \frac{1}{10} = \frac{4}{40}$$

$$\frac{2}{2} = \frac{6}{6} \qquad \frac{1}{7} = \frac{4}{28} \qquad \frac{2}{2} = \frac{6}{8} \qquad \frac{9}{9} = \frac{45}{36}$$

$$\frac{4}{10} = \frac{12}{20} \qquad \frac{1}{10} = \frac{2}{40} \qquad \frac{1}{11} = \frac{4}{22} \qquad \frac{1}{4} = \frac{2}{8}$$

$$\frac{1}{10} = \frac{3}{30} \qquad \frac{10}{10} = \frac{30}{30} \qquad \frac{1}{3} = \frac{3}{9} \qquad \frac{7}{7} = \frac{35}{35}$$

$$\frac{6}{10} = \frac{24}{40} \qquad \frac{2}{3} = \frac{10}{15} \qquad \frac{2}{2} = \frac{4}{4} \qquad \frac{4}{10} = \frac{12}{30}$$

$$\frac{1}{5} = \frac{2}{15} \qquad \frac{2}{2} = \frac{4}{4} \qquad \frac{2}{2} = \frac{10}{10} \qquad \frac{6}{7} = \frac{30}{35}$$

Are They Equivalent? (D) Answers

Check mark the equations that show equivalent fractions.

$\dfrac{12}{12} = \dfrac{24}{24}$ ✓ $\dfrac{4}{5} = \dfrac{12}{15}$ ✓ $\dfrac{2}{6} = \dfrac{10}{18}$ ✗ $\dfrac{6}{7} = \dfrac{30}{35}$ ✓

$\dfrac{7}{9} = \dfrac{21}{27}$ ✓ $\dfrac{1}{2} = \dfrac{5}{10}$ ✓ $\dfrac{7}{12} = \dfrac{14}{24}$ ✓ $\dfrac{3}{4} = \dfrac{15}{20}$ ✓

$\dfrac{2}{5} = \dfrac{8}{20}$ ✓ $\dfrac{2}{7} = \dfrac{4}{21}$ ✗ $\dfrac{2}{10} = \dfrac{8}{40}$ ✓ $\dfrac{3}{8} = \dfrac{9}{24}$ ✓

$\dfrac{10}{10} = \dfrac{30}{20}$ ✗ $\dfrac{5}{7} = \dfrac{25}{14}$ ✗ $\dfrac{8}{12} = \dfrac{16}{24}$ ✓ $\dfrac{1}{10} = \dfrac{4}{40}$ ✓

$\dfrac{2}{2} = \dfrac{6}{6}$ ✓ $\dfrac{1}{7} = \dfrac{4}{28}$ ✓ $\dfrac{2}{2} = \dfrac{6}{8}$ ✗ $\dfrac{9}{9} = \dfrac{45}{36}$ ✗

$\dfrac{4}{10} = \dfrac{12}{20}$ ✗ $\dfrac{1}{10} = \dfrac{2}{40}$ ✗ $\dfrac{1}{11} = \dfrac{4}{22}$ ✗ $\dfrac{1}{4} = \dfrac{2}{8}$ ✓

$\dfrac{1}{10} = \dfrac{3}{30}$ ✓ $\dfrac{10}{10} = \dfrac{30}{30}$ ✓ $\dfrac{1}{3} = \dfrac{3}{9}$ ✓ $\dfrac{7}{7} = \dfrac{35}{35}$ ✓

$\dfrac{6}{10} = \dfrac{24}{40}$ ✓ $\dfrac{2}{3} = \dfrac{10}{15}$ ✓ $\dfrac{2}{2} = \dfrac{4}{4}$ ✓ $\dfrac{4}{10} = \dfrac{12}{30}$ ✓

$\dfrac{1}{5} = \dfrac{2}{15}$ ✗ $\dfrac{2}{2} = \dfrac{4}{4}$ ✓ $\dfrac{2}{2} = \dfrac{10}{10}$ ✓ $\dfrac{6}{7} = \dfrac{30}{35}$ ✓

Are They Equivalent? (E)

Check mark the equations that show equivalent fractions.

$$\frac{5}{5} = \frac{20}{20} \qquad \frac{3}{8} = \frac{9}{24} \qquad \frac{1}{6} = \frac{3}{18} \qquad \frac{2}{8} = \frac{6}{24}$$

$$\frac{12}{12} = \frac{24}{24} \qquad \frac{2}{3} = \frac{8}{9} \qquad \frac{1}{7} = \frac{2}{35} \qquad \frac{1}{12} = \frac{3}{24}$$

$$\frac{5}{11} = \frac{15}{33} \qquad \frac{1}{3} = \frac{3}{9} \qquad \frac{3}{8} = \frac{9}{24} \qquad \frac{7}{10} = \frac{28}{30}$$

$$\frac{1}{5} = \frac{5}{25} \qquad \frac{12}{12} = \frac{24}{24} \qquad \frac{2}{5} = \frac{10}{25} \qquad \frac{3}{7} = \frac{12}{28}$$

$$\frac{6}{12} = \frac{12}{24} \qquad \frac{5}{6} = \frac{25}{30} \qquad \frac{5}{8} = \frac{20}{32} \qquad \frac{1}{3} = \frac{5}{15}$$

$$\frac{2}{2} = \frac{10}{10} \qquad \frac{2}{3} = \frac{4}{6} \qquad \frac{2}{8} = \frac{8}{32} \qquad \frac{3}{7} = \frac{6}{14}$$

$$\frac{1}{8} = \frac{5}{32} \qquad \frac{2}{8} = \frac{4}{16} \qquad \frac{4}{11} = \frac{20}{55} \qquad \frac{3}{3} = \frac{12}{12}$$

$$\frac{8}{9} = \frac{32}{27} \qquad \frac{3}{6} = \frac{6}{12} \qquad \frac{6}{6} = \frac{18}{24} \qquad \frac{2}{6} = \frac{4}{12}$$

$$\frac{2}{11} = \frac{4}{55} \qquad \frac{1}{5} = \frac{2}{10} \qquad \frac{2}{12} = \frac{10}{48} \qquad \frac{4}{9} = \frac{16}{45}$$

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Are They Equivalent? (E) Answers

Check mark the equations that show equivalent fractions.

$\dfrac{5}{5} = \dfrac{20}{20}$ ✔ $\dfrac{3}{8} = \dfrac{9}{24}$ ✔ $\dfrac{1}{6} = \dfrac{3}{18}$ ✔ $\dfrac{2}{8} = \dfrac{6}{24}$ ✔

$\dfrac{12}{12} = \dfrac{24}{24}$ ✔ $\dfrac{2}{3} = \dfrac{8}{9}$ ✘ $\dfrac{1}{7} = \dfrac{2}{35}$ ✘ $\dfrac{1}{12} = \dfrac{3}{24}$ ✘

$\dfrac{5}{11} = \dfrac{15}{33}$ ✔ $\dfrac{1}{3} = \dfrac{3}{9}$ ✔ $\dfrac{3}{8} = \dfrac{9}{24}$ ✔ $\dfrac{7}{10} = \dfrac{28}{30}$ ✘

$\dfrac{1}{5} = \dfrac{5}{25}$ ✔ $\dfrac{12}{12} = \dfrac{24}{24}$ ✔ $\dfrac{2}{5} = \dfrac{10}{25}$ ✔ $\dfrac{3}{7} = \dfrac{12}{28}$ ✔

$\dfrac{6}{12} = \dfrac{12}{24}$ ✔ $\dfrac{5}{6} = \dfrac{25}{30}$ ✔ $\dfrac{5}{8} = \dfrac{20}{32}$ ✔ $\dfrac{1}{3} = \dfrac{5}{15}$ ✔

$\dfrac{2}{2} = \dfrac{10}{10}$ ✔ $\dfrac{2}{3} = \dfrac{4}{6}$ ✔ $\dfrac{2}{8} = \dfrac{8}{32}$ ✔ $\dfrac{3}{7} = \dfrac{6}{14}$ ✔

$\dfrac{1}{8} = \dfrac{5}{32}$ ✘ $\dfrac{2}{8} = \dfrac{4}{16}$ ✔ $\dfrac{4}{11} = \dfrac{20}{55}$ ✔ $\dfrac{3}{3} = \dfrac{12}{12}$ ✔

$\dfrac{8}{9} = \dfrac{32}{27}$ ✘ $\dfrac{3}{6} = \dfrac{6}{12}$ ✔ $\dfrac{6}{6} = \dfrac{18}{24}$ ✘ $\dfrac{2}{6} = \dfrac{4}{12}$ ✔

$\dfrac{2}{11} = \dfrac{4}{55}$ ✘ $\dfrac{1}{5} = \dfrac{2}{10}$ ✔ $\dfrac{2}{12} = \dfrac{10}{48}$ ✘ $\dfrac{4}{9} = \dfrac{16}{45}$ ✘

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Are They Equivalent? (F)

Check mark the equations that show equivalent fractions.

$$\frac{4}{11} = \frac{16}{44}$$ $$\frac{5}{8} = \frac{10}{16}$$ $$\frac{11}{11} = \frac{33}{33}$$ $$\frac{1}{2} = \frac{5}{10}$$

$$\frac{2}{12} = \frac{6}{36}$$ $$\frac{1}{9} = \frac{2}{18}$$ $$\frac{7}{11} = \frac{28}{44}$$ $$\frac{1}{5} = \frac{3}{15}$$

$$\frac{6}{7} = \frac{18}{21}$$ $$\frac{1}{9} = \frac{3}{45}$$ $$\frac{5}{8} = \frac{25}{40}$$ $$\frac{2}{3} = \frac{4}{15}$$

$$\frac{1}{12} = \frac{5}{60}$$ $$\frac{4}{9} = \frac{16}{36}$$ $$\frac{2}{2} = \frac{6}{10}$$ $$\frac{1}{6} = \frac{2}{30}$$

$$\frac{7}{9} = \frac{28}{36}$$ $$\frac{6}{6} = \frac{30}{30}$$ $$\frac{5}{5} = \frac{25}{25}$$ $$\frac{3}{7} = \frac{12}{35}$$

$$\frac{2}{9} = \frac{10}{45}$$ $$\frac{5}{9} = \frac{10}{45}$$ $$\frac{4}{4} = \frac{16}{16}$$ $$\frac{5}{12} = \frac{25}{60}$$

$$\frac{4}{6} = \frac{12}{18}$$ $$\frac{1}{5} = \frac{3}{10}$$ $$\frac{6}{11} = \frac{30}{33}$$ $$\frac{8}{9} = \frac{16}{18}$$

$$\frac{3}{9} = \frac{6}{36}$$ $$\frac{10}{11} = \frac{40}{22}$$ $$\frac{3}{8} = \frac{6}{16}$$ $$\frac{5}{7} = \frac{10}{35}$$

$$\frac{3}{8} = \frac{6}{16}$$ $$\frac{7}{8} = \frac{14}{40}$$ $$\frac{7}{11} = \frac{14}{22}$$ $$\frac{1}{3} = \frac{5}{12}$$

Are They Equivalent? (F) Answers

Check mark the equations that show equivalent fractions.

$\dfrac{4}{11} = \dfrac{16}{44}$ ✓ $\dfrac{5}{8} = \dfrac{10}{16}$ ✓ $\dfrac{11}{11} = \dfrac{33}{33}$ ✓ $\dfrac{1}{2} = \dfrac{5}{10}$ ✓

$\dfrac{2}{12} = \dfrac{6}{36}$ ✓ $\dfrac{1}{9} = \dfrac{2}{18}$ ✓ $\dfrac{7}{11} = \dfrac{28}{44}$ ✓ $\dfrac{1}{5} = \dfrac{3}{15}$ ✓

$\dfrac{6}{7} = \dfrac{18}{21}$ ✓ $\dfrac{1}{9} = \dfrac{3}{45}$ ✗ $\dfrac{5}{8} = \dfrac{25}{40}$ ✓ $\dfrac{2}{3} = \dfrac{4}{15}$ ✗

$\dfrac{1}{12} = \dfrac{5}{60}$ ✓ $\dfrac{4}{9} = \dfrac{16}{36}$ ✓ $\dfrac{2}{2} = \dfrac{6}{10}$ ✗ $\dfrac{1}{6} = \dfrac{2}{30}$ ✗

$\dfrac{7}{9} = \dfrac{28}{36}$ ✓ $\dfrac{6}{6} = \dfrac{30}{30}$ ✓ $\dfrac{5}{5} = \dfrac{25}{25}$ ✓ $\dfrac{3}{7} = \dfrac{12}{35}$ ✗

$\dfrac{2}{9} = \dfrac{10}{45}$ ✓ $\dfrac{5}{9} = \dfrac{10}{45}$ ✗ $\dfrac{4}{4} = \dfrac{16}{16}$ ✓ $\dfrac{5}{12} = \dfrac{25}{60}$ ✓

$\dfrac{4}{6} = \dfrac{12}{18}$ ✓ $\dfrac{1}{5} = \dfrac{3}{10}$ ✗ $\dfrac{6}{11} = \dfrac{30}{33}$ ✗ $\dfrac{8}{9} = \dfrac{16}{18}$ ✓

$\dfrac{3}{9} = \dfrac{6}{36}$ ✗ $\dfrac{10}{11} = \dfrac{40}{22}$ ✗ $\dfrac{3}{8} = \dfrac{6}{16}$ ✓ $\dfrac{5}{7} = \dfrac{10}{35}$ ✗

$\dfrac{3}{8} = \dfrac{6}{16}$ ✓ $\dfrac{7}{8} = \dfrac{14}{40}$ ✗ $\dfrac{7}{11} = \dfrac{14}{22}$ ✓ $\dfrac{1}{3} = \dfrac{5}{12}$ ✗

Are They Equivalent? (G)

Check mark the equations that show equivalent fractions.

$\dfrac{3}{3} = \dfrac{12}{12}$ $\dfrac{2}{3} = \dfrac{8}{12}$ $\dfrac{1}{3} = \dfrac{2}{15}$ $\dfrac{1}{11} = \dfrac{3}{33}$

$\dfrac{9}{12} = \dfrac{18}{36}$ $\dfrac{6}{12} = \dfrac{18}{36}$ $\dfrac{6}{10} = \dfrac{30}{50}$ $\dfrac{2}{6} = \dfrac{4}{12}$

$\dfrac{1}{5} = \dfrac{3}{25}$ $\dfrac{4}{5} = \dfrac{12}{20}$ $\dfrac{3}{5} = \dfrac{12}{20}$ $\dfrac{2}{4} = \dfrac{10}{12}$

$\dfrac{4}{6} = \dfrac{12}{18}$ $\dfrac{3}{7} = \dfrac{6}{14}$ $\dfrac{4}{10} = \dfrac{8}{20}$ $\dfrac{2}{2} = \dfrac{6}{6}$

$\dfrac{1}{4} = \dfrac{4}{16}$ $\dfrac{4}{9} = \dfrac{16}{36}$ $\dfrac{1}{10} = \dfrac{5}{50}$ $\dfrac{12}{12} = \dfrac{36}{36}$

$\dfrac{2}{2} = \dfrac{10}{10}$ $\dfrac{3}{6} = \dfrac{12}{24}$ $\dfrac{6}{8} = \dfrac{18}{24}$ $\dfrac{3}{7} = \dfrac{9}{21}$

$\dfrac{5}{9} = \dfrac{15}{45}$ $\dfrac{7}{11} = \dfrac{21}{33}$ $\dfrac{2}{6} = \dfrac{6}{18}$ $\dfrac{4}{4} = \dfrac{16}{16}$

$\dfrac{2}{7} = \dfrac{8}{21}$ $\dfrac{2}{6} = \dfrac{10}{24}$ $\dfrac{4}{4} = \dfrac{12}{20}$ $\dfrac{5}{9} = \dfrac{20}{36}$

$\dfrac{3}{10} = \dfrac{15}{50}$ $\dfrac{1}{2} = \dfrac{5}{4}$ $\dfrac{6}{7} = \dfrac{30}{14}$ $\dfrac{4}{5} = \dfrac{16}{10}$

Are They Equivalent? (G) Answers

Check mark the equations that show equivalent fractions.

$\dfrac{3}{3} = \dfrac{12}{12}$ ✔ $\dfrac{2}{3} = \dfrac{8}{12}$ ✔ $\dfrac{1}{3} = \dfrac{2}{15}$ ✘ $\dfrac{1}{11} = \dfrac{3}{33}$ ✔

$\dfrac{9}{12} = \dfrac{18}{36}$ ✘ $\dfrac{6}{12} = \dfrac{18}{36}$ ✔ $\dfrac{6}{10} = \dfrac{30}{50}$ ✔ $\dfrac{2}{6} = \dfrac{4}{12}$ ✔

$\dfrac{1}{5} = \dfrac{3}{25}$ ✘ $\dfrac{4}{5} = \dfrac{12}{20}$ ✘ $\dfrac{3}{5} = \dfrac{12}{20}$ ✔ $\dfrac{2}{4} = \dfrac{10}{12}$ ✘

$\dfrac{4}{6} = \dfrac{12}{18}$ ✔ $\dfrac{3}{7} = \dfrac{6}{14}$ ✔ $\dfrac{4}{10} = \dfrac{8}{20}$ ✔ $\dfrac{2}{2} = \dfrac{6}{6}$ ✔

$\dfrac{1}{4} = \dfrac{4}{16}$ ✔ $\dfrac{4}{9} = \dfrac{16}{36}$ ✔ $\dfrac{1}{10} = \dfrac{5}{50}$ ✔ $\dfrac{12}{12} = \dfrac{36}{36}$ ✔

$\dfrac{2}{2} = \dfrac{10}{10}$ ✔ $\dfrac{3}{6} = \dfrac{12}{24}$ ✔ $\dfrac{6}{8} = \dfrac{18}{24}$ ✔ $\dfrac{3}{7} = \dfrac{9}{21}$ ✔

$\dfrac{5}{9} = \dfrac{15}{45}$ ✘ $\dfrac{7}{11} = \dfrac{21}{33}$ ✔ $\dfrac{2}{6} = \dfrac{6}{18}$ ✔ $\dfrac{4}{4} = \dfrac{16}{16}$ ✔

$\dfrac{2}{7} = \dfrac{8}{21}$ ✘ $\dfrac{2}{6} = \dfrac{10}{24}$ ✘ $\dfrac{4}{4} = \dfrac{12}{20}$ ✘ $\dfrac{5}{9} = \dfrac{20}{36}$ ✔

$\dfrac{3}{10} = \dfrac{15}{50}$ ✔ $\dfrac{1}{2} = \dfrac{5}{4}$ ✘ $\dfrac{6}{7} = \dfrac{30}{14}$ ✘ $\dfrac{4}{5} = \dfrac{16}{10}$ ✘

Are They Equivalent? (H)

Check mark the equations that show equivalent fractions.

$$\frac{1}{6} = \frac{4}{24} \qquad \frac{7}{9} = \frac{21}{36} \qquad \frac{1}{3} = \frac{5}{15} \qquad \frac{5}{7} = \frac{20}{35}$$

$$\frac{1}{4} = \frac{3}{8} \qquad \frac{3}{5} = \frac{12}{10} \qquad \frac{10}{12} = \frac{40}{48} \qquad \frac{3}{3} = \frac{15}{15}$$

$$\frac{10}{12} = \frac{30}{36} \qquad \frac{7}{10} = \frac{14}{50} \qquad \frac{6}{11} = \frac{18}{22} \qquad \frac{3}{10} = \frac{15}{50}$$

$$\frac{1}{2} = \frac{2}{8} \qquad \frac{4}{4} = \frac{16}{8} \qquad \frac{3}{10} = \frac{15}{20} \qquad \frac{1}{4} = \frac{2}{16}$$

$$\frac{6}{7} = \frac{24}{28} \qquad \frac{9}{10} = \frac{45}{40} \qquad \frac{11}{12} = \frac{44}{36} \qquad \frac{2}{3} = \frac{8}{12}$$

$$\frac{3}{4} = \frac{15}{8} \qquad \frac{4}{11} = \frac{8}{22} \qquad \frac{6}{7} = \frac{30}{35} \qquad \frac{10}{10} = \frac{40}{30}$$

$$\frac{5}{5} = \frac{20}{20} \qquad \frac{1}{7} = \frac{2}{14} \qquad \frac{1}{2} = \frac{4}{8} \qquad \frac{1}{2} = \frac{2}{10}$$

$$\frac{1}{12} = \frac{4}{36} \qquad \frac{5}{5} = \frac{10}{20} \qquad \frac{3}{6} = \frac{9}{18} \qquad \frac{3}{3} = \frac{6}{6}$$

$$\frac{2}{6} = \frac{8}{18} \qquad \frac{3}{3} = \frac{15}{15} \qquad \frac{1}{6} = \frac{2}{12} \qquad \frac{2}{4} = \frac{4}{8}$$

Are They Equivalent? (H) Answers

Check mark the equations that show equivalent fractions.

$\dfrac{1}{6} = \dfrac{4}{24}$ ✓ $\dfrac{7}{9} = \dfrac{21}{36}$ ✗ $\dfrac{1}{3} = \dfrac{5}{15}$ ✓ $\dfrac{5}{7} = \dfrac{20}{35}$ ✗

$\dfrac{1}{4} = \dfrac{3}{8}$ ✗ $\dfrac{3}{5} = \dfrac{12}{10}$ ✗ $\dfrac{10}{12} = \dfrac{40}{48}$ ✓ $\dfrac{3}{3} = \dfrac{15}{15}$ ✓

$\dfrac{10}{12} = \dfrac{30}{36}$ ✓ $\dfrac{7}{10} = \dfrac{14}{50}$ ✗ $\dfrac{6}{11} = \dfrac{18}{22}$ ✗ $\dfrac{3}{10} = \dfrac{15}{50}$ ✓

$\dfrac{1}{2} = \dfrac{2}{8}$ ✗ $\dfrac{4}{4} = \dfrac{16}{8}$ ✗ $\dfrac{3}{10} = \dfrac{15}{20}$ ✗ $\dfrac{1}{4} = \dfrac{2}{16}$ ✗

$\dfrac{6}{7} = \dfrac{24}{28}$ ✓ $\dfrac{9}{10} = \dfrac{45}{40}$ ✗ $\dfrac{11}{12} = \dfrac{44}{36}$ ✗ $\dfrac{2}{3} = \dfrac{8}{12}$ ✓

$\dfrac{3}{4} = \dfrac{15}{8}$ ✗ $\dfrac{4}{11} = \dfrac{8}{22}$ ✓ $\dfrac{6}{7} = \dfrac{30}{35}$ ✓ $\dfrac{10}{10} = \dfrac{40}{30}$ ✗

$\dfrac{5}{5} = \dfrac{20}{20}$ ✓ $\dfrac{1}{7} = \dfrac{2}{14}$ ✓ $\dfrac{1}{2} = \dfrac{4}{8}$ ✓ $\dfrac{1}{2} = \dfrac{2}{10}$ ✗

$\dfrac{1}{12} = \dfrac{4}{36}$ ✗ $\dfrac{5}{5} = \dfrac{10}{20}$ ✗ $\dfrac{3}{6} = \dfrac{9}{18}$ ✓ $\dfrac{3}{3} = \dfrac{6}{6}$ ✓

$\dfrac{2}{6} = \dfrac{8}{18}$ ✗ $\dfrac{3}{3} = \dfrac{15}{15}$ ✓ $\dfrac{1}{6} = \dfrac{2}{12}$ ✓ $\dfrac{2}{4} = \dfrac{4}{8}$ ✓

Are They Equivalent? (I)

Check mark the equations that show equivalent fractions.

$\dfrac{6}{6} = \dfrac{12}{30}$ $\dfrac{7}{7} = \dfrac{14}{28}$ $\dfrac{2}{4} = \dfrac{6}{12}$ $\dfrac{3}{4} = \dfrac{6}{8}$

$\dfrac{2}{3} = \dfrac{6}{9}$ $\dfrac{5}{5} = \dfrac{10}{10}$ $\dfrac{3}{11} = \dfrac{15}{33}$ $\dfrac{2}{4} = \dfrac{4}{8}$

$\dfrac{2}{5} = \dfrac{8}{25}$ $\dfrac{9}{9} = \dfrac{36}{18}$ $\dfrac{1}{2} = \dfrac{4}{8}$ $\dfrac{6}{8} = \dfrac{12}{16}$

$\dfrac{1}{8} = \dfrac{2}{16}$ $\dfrac{2}{2} = \dfrac{10}{4}$ $\dfrac{4}{4} = \dfrac{12}{12}$ $\dfrac{1}{10} = \dfrac{2}{20}$

$\dfrac{1}{5} = \dfrac{3}{15}$ $\dfrac{3}{8} = \dfrac{12}{32}$ $\dfrac{2}{2} = \dfrac{4}{4}$ $\dfrac{5}{7} = \dfrac{25}{35}$

$\dfrac{4}{4} = \dfrac{20}{20}$ $\dfrac{4}{5} = \dfrac{12}{25}$ $\dfrac{2}{2} = \dfrac{4}{4}$ $\dfrac{3}{9} = \dfrac{6}{18}$

$\dfrac{4}{5} = \dfrac{16}{20}$ $\dfrac{8}{8} = \dfrac{16}{40}$ $\dfrac{11}{11} = \dfrac{22}{33}$ $\dfrac{2}{5} = \dfrac{4}{10}$

$\dfrac{3}{9} = \dfrac{9}{18}$ $\dfrac{1}{3} = \dfrac{3}{9}$ $\dfrac{5}{11} = \dfrac{20}{44}$ $\dfrac{10}{11} = \dfrac{20}{22}$

$\dfrac{1}{2} = \dfrac{5}{10}$ $\dfrac{6}{10} = \dfrac{24}{40}$ $\dfrac{5}{8} = \dfrac{10}{16}$ $\dfrac{4}{12} = \dfrac{12}{60}$

Are They Equivalent? (I) Answers

Check mark the equations that show equivalent fractions.

$\dfrac{6}{6} = \dfrac{12}{30}$ ✘ $\dfrac{7}{7} = \dfrac{14}{28}$ ✘ $\dfrac{2}{4} = \dfrac{6}{12}$ ✔ $\dfrac{3}{4} = \dfrac{6}{8}$ ✔

$\dfrac{2}{3} = \dfrac{6}{9}$ ✔ $\dfrac{5}{5} = \dfrac{10}{10}$ ✔ $\dfrac{3}{11} = \dfrac{15}{33}$ ✘ $\dfrac{2}{4} = \dfrac{4}{8}$ ✔

$\dfrac{2}{5} = \dfrac{8}{25}$ ✘ $\dfrac{9}{9} = \dfrac{36}{18}$ ✘ $\dfrac{1}{2} = \dfrac{4}{8}$ ✔ $\dfrac{6}{8} = \dfrac{12}{16}$ ✔

$\dfrac{1}{8} = \dfrac{2}{16}$ ✔ $\dfrac{2}{2} = \dfrac{10}{4}$ ✘ $\dfrac{4}{4} = \dfrac{12}{12}$ ✔ $\dfrac{1}{10} = \dfrac{2}{20}$ ✔

$\dfrac{1}{5} = \dfrac{3}{15}$ ✔ $\dfrac{3}{8} = \dfrac{12}{32}$ ✔ $\dfrac{2}{2} = \dfrac{4}{4}$ ✔ $\dfrac{5}{7} = \dfrac{25}{35}$ ✔

$\dfrac{4}{4} = \dfrac{20}{20}$ ✔ $\dfrac{4}{5} = \dfrac{12}{25}$ ✘ $\dfrac{2}{2} = \dfrac{4}{4}$ ✔ $\dfrac{3}{9} = \dfrac{6}{18}$ ✔

$\dfrac{4}{5} = \dfrac{16}{20}$ ✔ $\dfrac{8}{8} = \dfrac{16}{40}$ ✘ $\dfrac{11}{11} = \dfrac{22}{33}$ ✘ $\dfrac{2}{5} = \dfrac{4}{10}$ ✔

$\dfrac{3}{9} = \dfrac{9}{18}$ ✘ $\dfrac{1}{3} = \dfrac{3}{9}$ ✔ $\dfrac{5}{11} = \dfrac{20}{44}$ ✔ $\dfrac{10}{11} = \dfrac{20}{22}$ ✔

$\dfrac{1}{2} = \dfrac{5}{10}$ ✔ $\dfrac{6}{10} = \dfrac{24}{40}$ ✔ $\dfrac{5}{8} = \dfrac{10}{16}$ ✔ $\dfrac{4}{12} = \dfrac{12}{60}$ ✘

Are They Equivalent? (J)

Check mark the equations that show equivalent fractions.

$\dfrac{6}{6} = \dfrac{18}{18}$ $\qquad$ $\dfrac{5}{7} = \dfrac{15}{21}$ $\qquad$ $\dfrac{10}{12} = \dfrac{50}{60}$ $\qquad$ $\dfrac{3}{5} = \dfrac{15}{15}$

$\dfrac{4}{12} = \dfrac{16}{48}$ $\qquad$ $\dfrac{6}{10} = \dfrac{30}{40}$ $\qquad$ $\dfrac{5}{9} = \dfrac{10}{18}$ $\qquad$ $\dfrac{4}{4} = \dfrac{8}{8}$

$\dfrac{3}{6} = \dfrac{9}{18}$ $\qquad$ $\dfrac{1}{3} = \dfrac{4}{12}$ $\qquad$ $\dfrac{1}{9} = \dfrac{2}{18}$ $\qquad$ $\dfrac{7}{10} = \dfrac{35}{40}$

$\dfrac{2}{5} = \dfrac{8}{20}$ $\qquad$ $\dfrac{5}{8} = \dfrac{10}{24}$ $\qquad$ $\dfrac{4}{12} = \dfrac{8}{48}$ $\qquad$ $\dfrac{2}{2} = \dfrac{10}{10}$

$\dfrac{7}{12} = \dfrac{14}{24}$ $\qquad$ $\dfrac{5}{5} = \dfrac{25}{25}$ $\qquad$ $\dfrac{5}{6} = \dfrac{20}{24}$ $\qquad$ $\dfrac{4}{9} = \dfrac{8}{45}$

$\dfrac{11}{11} = \dfrac{55}{55}$ $\qquad$ $\dfrac{5}{10} = \dfrac{15}{40}$ $\qquad$ $\dfrac{3}{3} = \dfrac{12}{12}$ $\qquad$ $\dfrac{1}{5} = \dfrac{4}{20}$

$\dfrac{2}{7} = \dfrac{4}{28}$ $\qquad$ $\dfrac{1}{12} = \dfrac{4}{36}$ $\qquad$ $\dfrac{6}{6} = \dfrac{30}{30}$ $\qquad$ $\dfrac{2}{2} = \dfrac{10}{4}$

$\dfrac{3}{8} = \dfrac{9}{24}$ $\qquad$ $\dfrac{6}{12} = \dfrac{24}{60}$ $\qquad$ $\dfrac{3}{3} = \dfrac{9}{9}$ $\qquad$ $\dfrac{5}{6} = \dfrac{25}{30}$

$\dfrac{6}{11} = \dfrac{12}{22}$ $\qquad$ $\dfrac{2}{5} = \dfrac{6}{20}$ $\qquad$ $\dfrac{5}{5} = \dfrac{15}{10}$ $\qquad$ $\dfrac{3}{5} = \dfrac{6}{20}$

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Are They Equivalent? (J) Answers

Check mark the equations that show equivalent fractions.

$\dfrac{6}{6} = \dfrac{18}{18}$ ✔ $\dfrac{5}{7} = \dfrac{15}{21}$ ✔ $\dfrac{10}{12} = \dfrac{50}{60}$ ✔ $\dfrac{3}{5} = \dfrac{15}{15}$ ✘

$\dfrac{4}{12} = \dfrac{16}{48}$ ✔ $\dfrac{6}{10} = \dfrac{30}{40}$ ✘ $\dfrac{5}{9} = \dfrac{10}{18}$ ✔ $\dfrac{4}{4} = \dfrac{8}{8}$ ✔

$\dfrac{3}{6} = \dfrac{9}{18}$ ✔ $\dfrac{1}{3} = \dfrac{4}{12}$ ✔ $\dfrac{1}{9} = \dfrac{2}{18}$ ✔ $\dfrac{7}{10} = \dfrac{35}{40}$ ✘

$\dfrac{2}{5} = \dfrac{8}{20}$ ✔ $\dfrac{5}{8} = \dfrac{10}{24}$ ✘ $\dfrac{4}{12} = \dfrac{8}{48}$ ✘ $\dfrac{2}{2} = \dfrac{10}{10}$ ✔

$\dfrac{7}{12} = \dfrac{14}{24}$ ✔ $\dfrac{5}{5} = \dfrac{25}{25}$ ✔ $\dfrac{5}{6} = \dfrac{20}{24}$ ✔ $\dfrac{4}{9} = \dfrac{8}{45}$ ✘

$\dfrac{11}{11} = \dfrac{55}{55}$ ✔ $\dfrac{5}{10} = \dfrac{15}{40}$ ✘ $\dfrac{3}{3} = \dfrac{12}{12}$ ✔ $\dfrac{1}{5} = \dfrac{4}{20}$ ✔

$\dfrac{2}{7} = \dfrac{4}{28}$ ✘ $\dfrac{1}{12} = \dfrac{4}{36}$ ✘ $\dfrac{6}{6} = \dfrac{30}{30}$ ✔ $\dfrac{2}{2} = \dfrac{10}{4}$ ✘

$\dfrac{3}{8} = \dfrac{9}{24}$ ✔ $\dfrac{6}{12} = \dfrac{24}{60}$ ✘ $\dfrac{3}{3} = \dfrac{9}{9}$ ✔ $\dfrac{5}{6} = \dfrac{25}{30}$ ✔

$\dfrac{6}{11} = \dfrac{12}{22}$ ✔ $\dfrac{2}{5} = \dfrac{6}{20}$ ✘ $\dfrac{5}{5} = \dfrac{15}{10}$ ✘ $\dfrac{3}{5} = \dfrac{6}{20}$ ✘