Multiplying Fractions

I can multiply simple pairs of proper fractions, writing the answer in its simplest form.

Calculate the answer, show your working out.

1.
$$\frac{4}{6} \times \frac{2}{4}$$

2.
$$\frac{2}{5} \times \frac{3}{8}$$

3.
$$\frac{4}{6} \times \frac{3}{5}$$

4.
$$\frac{1}{4} \times \frac{4}{9}$$

5.
$$\frac{3}{4} \times \frac{4}{5}$$

6.
$$\frac{6}{7} \times \frac{8}{10}$$

7.
$$\frac{4}{5} \times \frac{6}{8}$$

8.
$$\frac{2}{6} \times \frac{4}{5}$$

Multiplying Fractions **Answers**

Calculate the answer, show your working out.

1.
$$\frac{4}{6} \times \frac{2}{4}$$

$$\frac{4}{6} \times \frac{2}{4} = \frac{8}{24} = \frac{1}{3}$$

2.
$$\frac{2}{5} \times \frac{3}{8}$$

$$\frac{2}{5} \times \frac{3}{8} = \frac{6}{40} = \frac{3}{20}$$

3.
$$\frac{4}{6} \times \frac{3}{5}$$

$$\frac{4}{6} \times \frac{3}{5} = \frac{12}{30} = \frac{2}{5}$$

4.
$$\frac{1}{4} \times \frac{4}{9}$$

$$\frac{1}{4} \times \frac{4}{9} = \frac{4}{36} = \frac{1}{9}$$

5.
$$\frac{3}{4} \times \frac{4}{5}$$

$$\frac{3}{4} \times \frac{4}{5} = \frac{12}{20} = \frac{3}{5}$$

6.
$$\frac{6}{7} \times \frac{8}{10}$$

$$\frac{6}{7} \times \frac{8}{10} = \frac{48}{70} = \frac{24}{35}$$

7.
$$\frac{4}{5} \times \frac{6}{8}$$

$$\frac{4}{5} \times \frac{6}{8} = \frac{24}{40} = \frac{3}{5}$$

8.
$$\frac{2}{6} \times \frac{4}{5}$$

$$\frac{2}{6} \times \frac{4}{5} = \frac{8}{30} = \frac{4}{15}$$

Multiplying Fractions

I can multiply simple pairs of proper fractions, writing the answer in its simplest form.

Calculate the answer, show your working out.

1. $\dfrac{4}{5} \times \dfrac{3}{8}$

2. $\dfrac{6}{7} \times \dfrac{5}{8}$

3. $\dfrac{4}{7} \times \dfrac{3}{6}$

4. $\dfrac{8}{12} \times \dfrac{4}{10}$

5. $\dfrac{8}{12} \times \dfrac{5}{8}$

6. $\dfrac{4}{25} \times \dfrac{3}{10}$

7. $\dfrac{12}{15} \times \dfrac{4}{6}$

8. $\dfrac{12}{18} \times \dfrac{5}{10}$

Multiplying Fractions **Answers**

Calculate the answer, show your working out.

1.
$$\frac{4}{5} \times \frac{3}{8}$$

$$\frac{4}{5} \times \frac{3}{8} = \frac{12}{40} = \frac{3}{10}$$

2.
$$\frac{6}{7} \times \frac{5}{8}$$

$$\frac{6}{7} \times \frac{5}{8} = \frac{30}{56} = \frac{15}{28}$$

3.
$$\frac{4}{7} \times \frac{3}{6}$$

$$\frac{4}{7} \times \frac{3}{6} = \frac{12}{42} = \frac{2}{7}$$

4.
$$\frac{8}{12} \times \frac{4}{10}$$

$$\frac{8}{12} \times \frac{4}{10} = \frac{32}{120} = \frac{4}{15}$$

5.
$$\frac{8}{12} \times \frac{5}{8}$$

$$\frac{8}{12} \times \frac{5}{8} = \frac{40}{96} = \frac{5}{12}$$

6.
$$\frac{4}{25} \times \frac{3}{10}$$

$$\frac{4}{25} \times \frac{3}{10} = \frac{12}{250} = \frac{6}{125}$$

7.
$$\frac{12}{15} \times \frac{4}{6}$$

$$\frac{12}{15} \times \frac{4}{6} = \frac{48}{90} = \frac{8}{15}$$

8.
$$\frac{12}{18} \times \frac{5}{10}$$

$$\frac{12}{18} \times \frac{5}{10} = \frac{60}{180} = \frac{1}{3}$$

Multiplying Fractions

I can multiply simple pairs of proper fractions, writing the answer in its simplest form.

Calculate the answer, show your working out.

1. $\dfrac{3}{25} \times \dfrac{4}{6}$	2. $\dfrac{4}{6} \times \dfrac{12}{15}$
3. $\dfrac{3}{5} \times \dfrac{6}{18}$	4. $\dfrac{4}{5} \times \dfrac{10}{16}$
5. $\dfrac{12}{25} \times \dfrac{5}{10}$	6. $\dfrac{4}{9} \times \dfrac{12}{18}$
7. $\dfrac{10}{12} \times \dfrac{16}{20}$	8. $\dfrac{5}{15} \times \dfrac{15}{20}$

Multiplying Fractions **Answers**

Calculate the answer, show your working out.

1.
$$\frac{3}{25} \times \frac{4}{6}$$

$$\frac{3}{25} \times \frac{4}{6} = \frac{12}{150} = \frac{2}{25}$$

2.
$$\frac{4}{6} \times \frac{12}{15}$$

$$\frac{4}{6} \times \frac{12}{15} = \frac{48}{90} = \frac{8}{15}$$

3.
$$\frac{3}{5} \times \frac{6}{18}$$

$$\frac{3}{5} \times \frac{6}{18} = \frac{18}{90} = \frac{1}{5}$$

4.
$$\frac{4}{5} \times \frac{10}{16}$$

$$\frac{4}{5} \times \frac{10}{16} = \frac{40}{80} = \frac{1}{2}$$

5.
$$\frac{12}{25} \times \frac{5}{10}$$

$$\frac{12}{25} \times \frac{5}{10} = \frac{60}{250} = \frac{6}{25}$$

6.
$$\frac{4}{9} \times \frac{12}{18}$$

$$\frac{4}{9} \times \frac{12}{18} = \frac{48}{162} = \frac{8}{27}$$

7.
$$\frac{10}{12} \times \frac{16}{20}$$

$$\frac{10}{12} \times \frac{16}{20} = \frac{160}{240} = \frac{2}{3}$$

8.
$$\frac{5}{15} \times \frac{15}{20}$$

$$\frac{5}{15} \times \frac{15}{20} = \frac{75}{300} = \frac{1}{4}$$