

Recognise patterns in equivalent fractions

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Complete these equivalent fractions by putting in the correct denominators.

1. $\frac{1}{2} = \frac{\underline{2}}{\square} = \frac{\underline{3}}{\square} = \frac{\underline{4}}{\square} = \frac{\underline{5}}{\square}$

2. $\frac{1}{3} = \frac{\underline{2}}{\square} = \frac{\underline{3}}{\square} = \frac{\underline{4}}{\square} = \frac{\underline{5}}{\square}$

3. $\frac{1}{4} = \frac{\underline{2}}{\square} = \frac{\underline{4}}{\square} = \frac{\underline{6}}{\square} = \frac{\underline{8}}{\square}$

4. $\frac{1}{10} = \frac{\underline{2}}{\square} = \frac{\underline{4}}{\square} = \frac{\underline{8}}{\square} = \frac{\underline{10}}{\square}$

5. $1 = \frac{\underline{2}}{\square} = \frac{\underline{4}}{\square} = \frac{\underline{8}}{\square} = \frac{\underline{10}}{\square}$

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Answers

1. $\frac{1}{2} = \frac{\underline{2}}{\boxed{4}} = \frac{\underline{3}}{\boxed{6}} = \frac{\underline{4}}{\boxed{8}} = \frac{\underline{5}}{\boxed{10}}$

2. $\frac{1}{3} = \frac{\underline{2}}{\boxed{6}} = \frac{\underline{3}}{\boxed{9}} = \frac{\underline{4}}{\boxed{12}} = \frac{\underline{5}}{\boxed{15}}$

3. $\frac{1}{4} = \frac{\underline{2}}{\boxed{8}} = \frac{\underline{4}}{\boxed{16}} = \frac{\underline{6}}{\boxed{24}} = \frac{\underline{8}}{\boxed{42}}$

4. $\frac{1}{10} = \frac{\underline{2}}{\boxed{20}} = \frac{\underline{5}}{\boxed{50}} = \frac{\underline{8}}{\boxed{80}} = \frac{\underline{9}}{\boxed{90}}$

5. $1 = \frac{\underline{2}}{\boxed{2}} = \frac{\underline{4}}{\boxed{4}} = \frac{\underline{8}}{\boxed{8}} = \frac{\underline{10}}{\boxed{10}}$