

Year 10 Higher Questions – Fractions

<p>1. Write in order starting with the smallest</p> <p>1. $\frac{1}{3}, \frac{1}{4}, \frac{5}{12}$</p> <p>2. $\frac{3}{5}, \frac{7}{10}, \frac{1}{2}$</p> <p>3. $\frac{7}{12}, \frac{5}{6}, \frac{2}{3}$</p> <p>4. $\frac{7}{10}, \frac{13}{20}, \frac{3}{5}$</p>	<p>2. Express in the simplest form</p> <p>1. $\frac{8}{12}$</p> <p>2. $\frac{18}{20}$</p> <p>3. $\frac{27}{36}$</p> <p>4. $\frac{76}{100}$</p> <p>5. $\frac{96}{200}$</p>
<p>3. Find</p> <p>(a) $\frac{2}{5}$ of 80 (b) $\frac{3}{4}$ of 120 (c) $\frac{1}{5}$ of 90</p> <p>(d) $\frac{1}{4}$ of 360 (e) $\frac{4}{5}$ of 150 (f) $\frac{3}{10}$ of 500</p>	
<p>4.</p> <p>1) Express $\frac{14}{3}$ as a mixed number 2) Express $1\frac{3}{4}$ as an improper fraction</p> <p>3) Express $3\frac{4}{5}$ as an improper fraction 4) Express $\frac{9}{2}$ as a mixed number</p> <p>5) Express $\frac{10}{3}$ as a mixed number 6) Express $\frac{13}{6}$ as a mixed number</p>	
<p>5.</p> <p>1. $\frac{2}{3} + \frac{1}{5}$ 4. $\frac{3}{5} \div \frac{3}{4}$ 7. $1\frac{4}{5} \times \frac{1}{2}$ 10. $2\frac{1}{2} - 1\frac{2}{5}$</p> <p>2. $\frac{3}{4} - \frac{2}{5}$ 5. $\frac{6}{7} + \frac{2}{3}$ 8. $1\frac{3}{4} \div \frac{1}{2}$ 11. $1\frac{1}{2} \times 1\frac{1}{4}$</p> <p>3. $\frac{2}{3} \times \frac{3}{5}$ 6. $\frac{8}{9} - \frac{2}{5}$ 9. $2\frac{1}{4} + 1\frac{1}{5}$ 12. $1\frac{1}{4} \div \frac{3}{4}$</p>	
<p>6. Express as a fraction, using an algebraic method.</p> <p style="text-align: center;">1) 0.011111.... 2) 0.352352.... 3) 0.613131....</p> <p style="text-align: center;">4) 0.393939.... 5) 0.111111.... 6) 0.262626....</p>	
<p>7.</p> <p>1) 0.25 2) 6 3) 0.05 4) 0.6</p> <p>5) 3 6) 8 7) 0.8 8) $\frac{1}{9}$</p>	