

Skill	Reasoning and Problem Solving
<p>1. A) $\frac{1}{5}$ of 40 B) $\frac{1}{3}$ of 9</p> <p>2. A) $\frac{1}{7}$ of 35 B) $\frac{1}{6}$ of 66</p> <p>3. A) $\frac{1}{11}$ of 99 B) $\frac{1}{3}$ of 48</p> <p>4. Find (use a bar model if necessary)</p> <p>a) $\frac{3}{8}$ of 56 b) $\frac{5}{6}$ of 480 c) $\frac{4}{9}$ of 81</p> <p>d) $\frac{2}{3}$ of 33 e) $\frac{7}{8}$ of 40 f) $\frac{2}{9}$ of 45</p>	<p>5. A shark chases 36 fish and eats $\frac{3}{4}$ of them. How many does he eat?</p> <p>6. Sam is reading a book. There are 75 pages in the book and so far he has read $\frac{4}{5}$. How many pages has he not read?</p> <p>7. Mr McLean got 16 chocolates for Easter and ate $\frac{3}{4}$ of them on his way to work this morning. How many chocolates did he eat?</p> <p>8. Ethan collected 256 conkers but lost $\frac{3}{4}$ of them on his way to school through a hole in his bag. When he arrived at school how many conkers did Ethan have left?</p> <p>9. There are 25 pupils in a class, $\frac{3}{5}$ of the pupils support Chelsea and the remainder support Arsenal. How many pupils support Arsenal?</p> <p>10. McDonalds sell milkshakes in two sizes. A small milkshake contains 300ml and a large milkshake contains $\frac{2}{3}$ more. (i) How much does a large milkshake contain? (ii) If Miss Torrens drinks $\frac{2}{3}$ of a small milkshake and Miss Scarr $\frac{2}{6}$ of a large milkshake who drinks the most?</p>