

Answers and mark schemes

Year 5 Fractions, decimals and percentages

Test 2(M)	Mark	Extra Information								
1. $\frac{7}{8}, \frac{3}{4}, \frac{11}{16}, \frac{1}{2}$	1	Accept $\frac{14}{16}, \frac{12}{16}, \frac{11}{16}, \frac{8}{16}$								
2. $\frac{70}{100} = \frac{7}{10}$	1	Both missing numerators need to be correct for 1 mark								
3. <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Improper fraction</th> <th>Mixed number</th> </tr> </thead> <tbody> <tr> <td>$\frac{5}{4}$</td> <td>$1\frac{1}{4}$</td> </tr> <tr> <td>$\frac{23}{6}$</td> <td>$3\frac{5}{6}$</td> </tr> <tr> <td>$\frac{42}{5}$</td> <td>$8\frac{2}{5}$</td> </tr> </tbody> </table>	Improper fraction	Mixed number	$\frac{5}{4}$	$1\frac{1}{4}$	$\frac{23}{6}$	$3\frac{5}{6}$	$\frac{42}{5}$	$8\frac{2}{5}$	2	
Improper fraction	Mixed number									
$\frac{5}{4}$	$1\frac{1}{4}$									
$\frac{23}{6}$	$3\frac{5}{6}$									
$\frac{42}{5}$	$8\frac{2}{5}$									
4. $\frac{4}{12}$ or $\frac{1}{3}$	1									
5. $1\frac{3}{5}$	1									
6. $\frac{1}{2}, \frac{5}{10}, \frac{50}{100}$	1	All three fractions circled for the mark and no others								
7. 4.85, 5.05	1	Both answers for 1 mark								
8. 7.8 3.2	1	Both answers for 1 mark								
9. Explanation needs to show that 13.3 is larger because it has $\frac{3}{10}$ while 13.13 only has $\frac{1}{10}$ and $\frac{3}{100}$ or 13.3 is larger because it has $\frac{30}{100}$ while 13.13 only has $\frac{13}{100}$.	1	No mark for just indicating 13.3 is the larger number								
10. 72.37	1									
11. 5	1									
12. 50	1									
13. 14.6	1									
14. 0.102, 0.122, 0.201, 0.211, 0.212	1									