

Mark schemes

1.

$$\frac{3}{8}$$

Accept equivalent fractions or an **exact** decimal equivalent, e.g. 0.375

[1]

2.

$$\frac{5}{24}$$

Accept equivalent fractions or an **exact** decimal equivalent, e.g.

$$\frac{10}{48} \text{ or } 0.208\bar{3}$$

(accept any unambiguous indication of the recurring digit).

Do not accept rounded or truncated decimals.

[1]

3.

$$\frac{2}{3}$$

Accept equivalent fractions or an **exact** decimal equivalent, e.g. $0.\bar{6}$ (accept any unambiguous indication of the recurring digits).

Do not accept rounded or truncated decimals.

[1]

4.

$$\frac{5}{11}$$

Accept equivalent fractions or an **exact** decimal equivalent, e.g. $0.\bar{45}$ (accept any unambiguous indication of the recurring digits).

Do not accept rounded or truncated decimals.

[1]

5.

$$\frac{6}{7}$$

Accept equivalent fractions or an **exact** decimal equivalent, e.g. 0.857142 (accept any unambiguous indication of the recurring digits).

Do not accept rounded or truncated decimals.

Up to 2m

[2]

6.

$$\frac{23}{36}$$

Accept equivalent fractions or an **exact** decimal equivalent, e.g. 0.638 (accept any unambiguous indication of the recurring digits).

Do not accept rounded or truncated decimals.

[1]

7. $\frac{11}{63}$

Accept equivalent fractions or an **exact** decimal equivalent, e.g. $0.17460\overline{3}$ (accept any unambiguous indication of the recurring digits).

Do not accept rounded or truncated decimals.

[1]

8. $1\frac{5}{6}$

OR

$$\frac{11}{6}$$

Accept equivalent mixed numbers, fractions or an **exact** decimal equivalent, e.g. $1.8\overline{3}$ (accept any unambiguous indication of the recurring digits).

Do not accept rounded or truncated decimals.

[1]

9. $3\frac{1}{6}$ OR $\frac{19}{6}$

Accept equivalent mixed numbers, fractions or an **exact** decimal equivalent, e.g. $3.1\overline{6}$ (accept any unambiguous indication of the recurring digit).

Do not accept rounded or truncated decimals.

Do not accept $2\frac{7}{6}$

[1]

10. $1\frac{5}{8}$

Accept equivalent fractions or an **exact** decimal equivalent, e.g. 1.625.

Do not accept rounded or truncated decimals.

[1]

11. $\frac{5}{6}$

Accept equivalent fractions or an **exact** decimal equivalent, e.g. $0.8\overline{3}$ (accept any unambiguous indication of the recurring digits).

Do not accept rounded or truncated decimals.

[1]

12.

$$2\frac{1}{2}$$

Accept equivalent mixed numbers, fractions or the **exact** decimal equivalent, e.g. 2.5

[1]

13.

$$\frac{7}{10}$$

Accept equivalent fractions or the **exact** decimal equivalent, e.g. 0.7

[1]

14.

$$3\frac{3}{10}$$

OR

$$\frac{33}{10}$$

Accept equivalent mixed numbers, fractions or an **exact** decimal equivalent, e.g. 3.3

[1]

15.

$$3$$

Accept equivalent fractions.

Do not accept answers such as $2\frac{3}{3}$

[1]

16.

$$1\frac{1}{9}$$

OR

$$\frac{10}{9}$$

Accept equivalent mixed numbers, fractions or an exact decimal equivalent, e.g. $1.\dot{1}$. (accept any unambiguous indication of the recurring digits).

Do not accept rounded or truncated decimals.

[1]