

Week 14 Lesson 1 – Fractions (Mark Scheme)

1(a) $\frac{2}{5}$

(b) $\frac{3}{5}$

(c) $\frac{3}{4}$

(d) $\frac{1}{5}$

2 (a) 12

(b) 2

(c) 40

(d) 5

3) $\frac{2}{4}$ and $\frac{9}{18}$

4) $\frac{2}{3}, \frac{11}{15}, \frac{7}{15}, \frac{3}{5}$
 $\frac{10}{15}, \frac{11}{15}, \frac{7}{15}, \frac{9}{15}$

$\frac{7}{15}$

smallest

$\frac{3}{5}$

$\frac{2}{3}$

$\frac{11}{15}$

largest

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5) $\frac{13}{16}$, $\frac{3}{4}$, $\frac{5}{8}$, $\frac{11}{16}$

$\frac{13}{16}$ $\frac{12}{16}$ $\frac{10}{16}$ $\frac{11}{16}$

$\frac{5}{8}$

$\frac{11}{16}$

$\frac{3}{4}$

$\frac{13}{16}$

smallest

largest

6) $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{6}$, $\frac{5}{12}$

$\frac{6}{24}$ $\frac{9}{24}$ $\frac{4}{24}$ $\frac{10}{24}$

$\frac{5}{12}$

$\frac{3}{8}$

$\frac{1}{4}$

$\frac{1}{6}$

largest

smallest

7) Process to find area	1 or	D	Counting squares indicated on diagram OR $4 \times 6 (=24)$
Finds correct area	2	DE	$24(m^2)$
Process to work with fractions	1 or	F	$100 \div 4 (= 25)$ oe OR $4 \times '24' (= 96)$ OR $'\frac{24}{100}'$ or $4.16..$ or $\frac{25}{100}$ oe
Correct decision from their figures	2	FG	Yes AND '24' and 25 OR Yes AND 96 OR Yes AND $\frac{24}{100}$, and $\frac{25}{100}$
			Allow No with a valid statement

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8)	Begins to work with fraction	1 or	D	$48 \div 4 (=12)$ or $48 \times 3 (=144)$ OR $32 \times 4 (=128)$ or $32 \div 3 (=10.6..)$ OR $32 \div 48 (=0.66..)$ OR $\frac{3}{4} = 0.75$ oe OR $2 \times 3 \div 4 (=1.5)$ OR $48 \div 24 (=2)$ OR $3 \div 4 \times 24 (=18)$
	Full process to find figures to compare	2 or	DE	$48 \times 3 \div 4 (=36)$ oe OR $32 \div 3 \times 4 (=42.66..)$ oe OR $32 \div 48 (=0.66..)$ and $\frac{3}{4} = 0.75$ oe OR $32 \div 48 (=2/3)$ OR $'1.5' \times 24 (=36)$ OR $'2' \times 3 \div 4 \times 24 (=36)$
	Correct conclusion with accurate figures	3	DEF	No and (£)36 OR No and [42.66, 43] OR No and [0.6, 0.7] and 0.75 oe OR No and 2/3
	Valid check	1	G	E.g. reverse process or alternative method