

FRACTIONS AND DECIMALS

Name:

Assessment Criteria: Use equivalence between fractions and order fractions and decimals

1. Complete the following to give pairs of equivalent fractions

a) $\frac{1}{4} = \frac{\quad}{8}$

b) $\frac{2}{3} = \frac{\quad}{9}$

c) $\frac{3}{8} = \frac{\quad}{24}$

d) $\frac{3}{4} = \frac{\quad}{40}$

e) $\frac{30}{42} = \frac{5}{\quad}$

f) $\frac{15}{\quad} = \frac{20}{24}$

2. Order the following fractions smallest to largest:

$$\frac{1}{4} \quad \frac{3}{16} \quad \frac{3}{4} \quad \frac{1}{8} \quad \frac{1}{2}$$

3. Order the following decimals, largest to smallest

$$0.2 \quad 0.02 \quad 0.3 \quad 0.24 \quad 0.214$$

5. Neither of us have a calculator. Convince me that $\frac{2}{5} = 0.4$

Overall, I think my success level is:

Low High
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Q	FRACTIONS AND DECIMALS	😊	☹
	I can simplify a fraction		
	I can find equivalent fractions		
	I can use the equivalence between fractions to order a set of fractions		
	I can order decimals		
	I can use the equivalence between fractions to change a fraction to a decimal		
	<i>I can draw simple conclusions of my own and give an explanation of my reasoning</i>		

I need to practise ...