

## MULTIPLYING AND DIVIDING

Name: \_\_\_\_\_

Assessment Criteria: Understand the effects of multiplying and dividing by numbers between 0 and 1

*No calculator allowed!*

1. Write down three division calculations where the answer is bigger than the starting number

\_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

2. Write down two numbers, one of which is between 0 and 1, which multiply to give an answer of 40.

\_\_\_\_\_ and \_\_\_\_\_

3. What number is represented by the '♣' symbol below?

$$150 \div \clubsuit = 225$$

$$\clubsuit = \underline{\hspace{2cm}}$$

4. What is the same about the following four calculations? What is different?

$$0.8 \div 0.1$$

$$16 \times 0.5$$

$$1.6 \div 0.5$$

$$1.6 \div 0.2$$

5. What is the value of  $0.6 \times 0.1$ ?

\_\_\_\_\_

Overall, I think my success level is:

Low High  
○ ○ ○ ○

Q	MULTIPLYING AND DIVIDING	☺	☹
	I understand the effect of multiplying by a number between 0 and 1		
	I understand the effect of dividing by a number between 0 and 1		
	<i>I can justify generalisations, arguments or solutions</i>		
I need to practise ...			