

Multiples of 10, 100 and 1000 Worksheet

LO: multiply and divide whole numbers by 10, 100 and 1000 (Fluency, Reasoning and Problem Solving)

1) Use patterns to help solve the calculations below.

a)	b)	c)
$3 \times 6 =$ _____	$12 \times 2 =$ _____	$7 \times 5 =$ _____
$3 \times 60 =$ _____	$12 \times 20 =$ _____	$70 \times 5 =$ _____
$3 \times 600 =$ _____	$12 \times 200 =$ _____	$700 \times 5 =$ _____

2) Use the division fact $63 \div 3 = 21$ to help answer the questions below.

$$630 \div 3 = \underline{\hspace{2cm}}$$

$$630 \div 30 = \underline{\hspace{2cm}}$$

$$21 \times 3 = \underline{\hspace{2cm}}$$

3) Use the multiplication fact $28 \times 7 = 196$ to help answer the questions below.

$$28 \times 70 = \underline{\hspace{2cm}}$$

$$280 \times 7 = \underline{\hspace{2cm}}$$

$$280 \times 70 = \underline{\hspace{2cm}}$$

4) Circle the incorrect answer.

a)
$15 \times 30 = 450$
$450 \div 15 = 300$
$300 \times 15 = 4,500$
b)
$180 \div 6 = 30$
$30 \times 6 = 180$
$60 \times 300 = 1,800$

5) Answer the questions below.

a) Amrit says	b) Ria says
 <p>480×2 is greater than 48×20</p>	 <p>If $12 \times 6 = 72$ then $720 \div 60 = 120$ because all the numbers are ten times bigger?</p>
Is Amrit correct? Explain your thinking.	Is Ria correct? Explain your thinking.