

10. Patterns in Arithmetic

a)

Look at the pattern in this multiplication table:

$$1 \times 5 = 5$$

$$2 \times 5 = 10$$

$$3 \times 5 = 15$$

$$4 \times 5 = 20$$

Pattern: Each time increase by 5

b)

Find the pattern and fill in the next one:

$$2 \times 3 = 6$$

$$3 \times 3 = 9$$

$$4 \times 3 = 12$$

$$\boxed{} \times 3 = \boxed{}$$

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c)

Find the pattern and fill in the next one:

$$1 \times 2 = 2$$

$$2 \times 2 = 4$$

$$3 \times 2 = 6$$

$$\boxed{} \times 2 = \boxed{}$$

d)

Find the pattern and fill in the next one:

$$1 \times 7 = 7$$

$$2 \times 7 = 14$$

$$3 \times 7 = 21$$

$$\boxed{} \times 7 = \boxed{}$$

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e)

Find the pattern and fill in the next one:

$$1 \times 4 = 4$$

$$2 \times 4 = 8$$

$$3 \times 4 = 12$$

$$\boxed{} \times 4 = \boxed{}$$

f)

Find the pattern and fill in the next one:

$$1 \times 6 = 6$$

$$2 \times 6 = 12$$

$$3 \times 6 = 18$$

$$\boxed{} \times 6 = \boxed{}$$