

Master Maths 7 Worksheet 4

Multiplication, Factors and Multiples

4

Name: _____

1. Complete this multiplication table without using a calculator.

×			8		10
		21			
4					24
			48		
				40	48
9	18				
7		49			

2. (a) Dali's chooks laid 6 eggs every day.

How many eggs does he get each week?

- (b) Dali sells 3 dozen of his eggs each week to friends. How many eggs does he keep for himself each week?

- (c) Mez bought 9 tubes of paint. She received \$16 change from \$70. How much did each tube of paint cost?

3. Write all the factors of the following numbers.

(a) 15

(b) 40

(c) 42

(d) 120

4. What is the highest common factor of the following pairs of numbers.

(a) 15, 40

(b) 42, 40

(c) 40, 120

5. A carpenter had two lengths of wood.

One was 120 cm and the other was 72 cm long. He wanted to cut them into small pieces.

- (a) What is the largest length that these small pieces could be and have no waste?

- (b) How many of these small pieces would there be?

6. Find the lowest common multiple of the following pairs of numbers.

(a) 9, 12

(b) 6, 9

(c) 12, 10

7. There are three bus services from the Abbey bus station.

Every second day a bus leaves for Berton.

Every third day a bus leaves for Claire.

Every fifth day a bus leaves for Darley.

On January 1st all three buses services run.

- (a) What are the next three dates when *two* buses will run?

- (b) What is the next date that all three buses will run?