

30

10

y

2. Carry out a routine procedure

The following tables follow a direct proportion, fill in the missing values

21 | 27 | 42

	х	0	2	4		12	
	y		8		24		
	x	1	2	5		11	
	у			15	21		
•							
	x	2	3		9		
						I	

3. Classify some mathematical object

Tick the scenarios that follow a direct proportion

The number of sweets bought at a shop and the price.	
he ages of a brother and a sister.	
The number of builders	

a building The speed of a runner and the distance the runner travels.

and the time to complete

4. Interpret a situation or answer 8 pens at a shop cost £2.40. Calculate the cost of...

- a) 16 pens
 - 36 pens
 - 111 pens

5. Prove, show, justify

The following table represents the length and perimeter of a square. By filling in the table show that the length of a square is directly proportional to the norimator of the square

perimeter of the square.					
l	1	2	5	10	20
P					
		-	-		

1cm

1cm

6. Extend a concept

Now fill in this table for the area of the squares.

l	1	2	5	10	20
A					

Is the area of the square directly proportional to its length?

7. Construct an instance Construct 3 different ways of

solving the following problem.

Direct Proportion

6 cans of soda cost £3.60, find the price of 20.

8. Criticise a fallacy A student answers the following

question. 6 apples cost £3.

Find the price of 15 apples.