

Chapter 9 Factors and Multiple Worksheet

A Fill in the blanks

a factor

b 2

c 1

d multiple of

e prime number

B Match the following

1 1-iv

2 2-iii

3 3-i

4 4-v

5 5-ii

no ~~is~~ directed

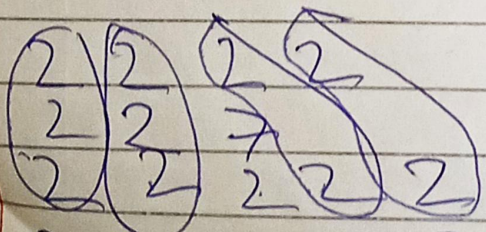
2 16, 24, 85	2 16	2 24	5 85
5 8, 12, 85	2 8	2 12	17
8, 12, 17	2 4	2 6	
	2	3	

2x"

2 16, 24, 85
2 8, 12, 85
2 4, 6, 85
2 2, 3, 85

$$2 \times 2 \times 2 \times 2 \times 3 \times 85 = 4080$$

2 16	2 28	2 32
2 8	2 14	2 16
2 4	7	2 8
2		2 4
		2



$$2 \times 2 \times 7 \times 2 \times 2 \times 2 = 224$$

c $60 \text{ HCF} \times 5$
 $\text{LCM} = 60$

$\text{HCF} \times \text{LCM} =$ the other
one number number

$$\frac{5 \times 60}{20} = \frac{300}{20} = 15$$

d

$$90 \overline{) 405}$$

$$\underline{360}$$

$$45$$

$$45 \overline{) 90}$$

$$\underline{45}$$

$$45$$

$$45 \overline{) 45}$$

$$\underline{45}$$

$$0$$

$$50 \overline{) 40}$$

$$\underline{20}$$

$$20$$

$$2$$

$$2 \overline{) 20}$$

$$\underline{10}$$

$$10$$

$$2$$

$$52$$

b

e