

C.W
26.7.21

Q.3) Find out if the first number is the factor of the second number "Yes or No"

a) 8 : 1008 Yes

b) 7 : 658 Yes

c) 9 : 3145 No

d) 11 : 3644 No

e) 19 : 626 No

f) 17 : 398 No

g) 13 : 4164556 No

h) 12 : 780 Yes

i) 14 : 464 No

j) 15 : 1785 Yes

k) 13 : 4103 No

l) 16 : 1936 Yes

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Factor

4.) List the factors of the following

a) $48 - 1, 2, 3, 4, 6, 8, 12, 16, 24, 48$

b) $63 - 1, 3, 7, 9, 21, 63$

c) $84 - 1, 2, 3, 4, 6, 7, 12, 14, 21, 28, 42, 84$

d) $108 - 1, 2, 3, 4, 6, 9, 12, 18, 27, 36, 54, 108$

e) $32 - 1, 2, 4, 8, 16, 32$

f) $169 - 1, 13, 169$

g) $343 - 1, 7, 49, 343$

h) $150 - 1, 2, 3, 5, 6, 10, 15, 25, 30, 50, 75, 150$

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5. a) Find the first six multiples of 9

Ans. $\rightarrow 9, 18, 27, 36, 45, 54$

b) Find the seventh multiple of 16.

Ans. $\rightarrow \cancel{16, 32, 48, 64, 80, 96, 112}$

c) Find the fifth multiple of 15

Ans. $\rightarrow \cancel{15, 30, 45, 60, 75}$

d) Find the ninth multiple of 16

Ans. $\rightarrow \cancel{16, 32, 48, 64, 80, 96, 112, 128, 144}$

e) Find the multiples of 11 greater than 55 but less than 180.

Ans. $\rightarrow \cancel{66, 77, 88, 99, 110, 121, 132, 143, 154, 165, 176}$

f) Find the multiples of 15 greater than 120 but less than 225

Ans. $\rightarrow \cancel{135, 150, 165, 180, 195, 210, 225, 240, 255}$