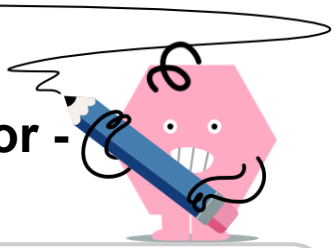
Name

# Prime Factorization - Is Number a Factor - From Value as Factors



**1**

$70 = 2 \cdot 5 \cdot 7$

Is 70 a factor of 462

$462 = 2 \cdot 3 \cdot 7 \cdot 11$

| is 70 a factor of 462? | A Yes | B No |
|---|---|---|

**2**

$28 = 2^2 \cdot 7$

Is 28 a factor of 210

$210 = 2 \cdot 3 \cdot 5 \cdot 7$

| is 28 a factor of 210? | A Yes | B No |
|---|---|---|

**3**

$45 = 3^2 \cdot 5$

Is 45 a factor of 90

$90 = 2 \cdot 3^2 \cdot 5$

| is 45 a factor of 90? | A Yes | B No |
|---|---|---|

**4**

$98 = 2 \cdot 7^2$

Is 98 a factor of 735

$735 = 3 \cdot 5 \cdot 7^2$

| is 98 a factor of 735? | A Yes | B No |
|---|---|---|

**5**

$30 = 2 \cdot 3 \cdot 5$

Is 30 a factor of 462

$462 = 2 \cdot 3 \cdot 7 \cdot 11$

| is 30 a factor of 462? | A Yes | B No |
|---|---|---|

**6**

$70 = 2 \cdot 5 \cdot 7$

Is 70 a factor of 330

$330 = 2 \cdot 3 \cdot 5 \cdot 11$

| is 70 a factor of 330? | A Yes | B No |
|---|---|---|

**7**

$42 = 2 \cdot 3 \cdot 7$

Is 42 a factor of 210

$210 = 2 \cdot 3 \cdot 5 \cdot 7$

| is 42 a factor of 210? | A Yes | B No |
|---|---|---|

**8**

$28 = 2^2 \cdot 7$

Is 28 a factor of 84

$84 = 2^2 \cdot 3 \cdot 7$

| is 28 a factor of 84? | A Yes | B No |
|---|---|---|