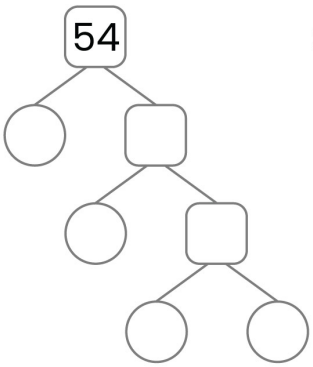
Name : _____

MATH MONKS

Finding Prime Factors

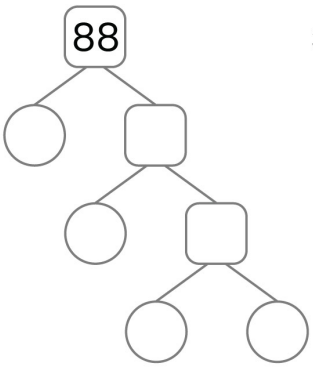
Find the prime factors of the given numbers using the factor tree.

1) 54



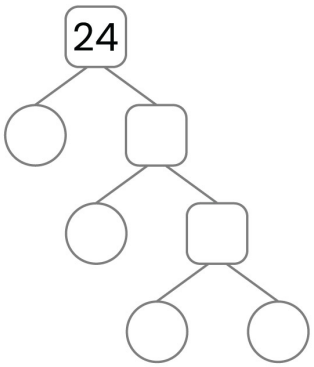
54 = _____

2) 88



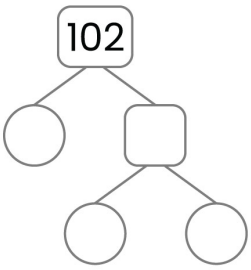
88 = _____

3) 24



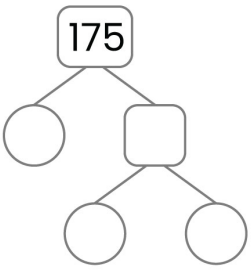
24 = _____

4) 102



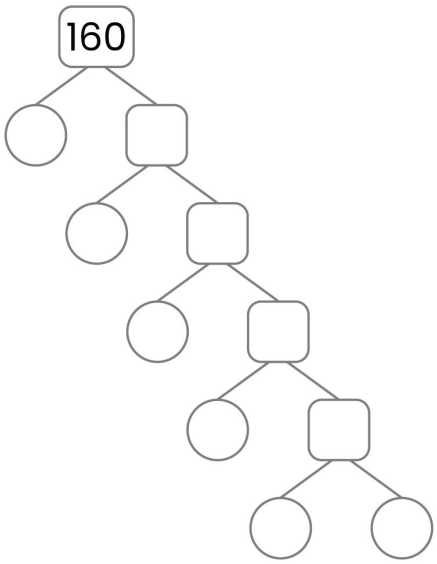
102 = _____

5) 175



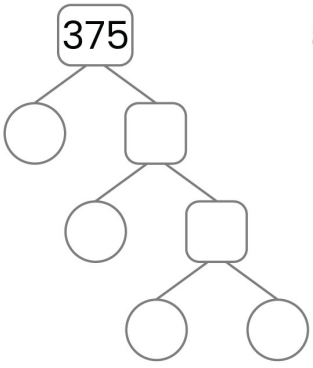
175 = _____

6) 160



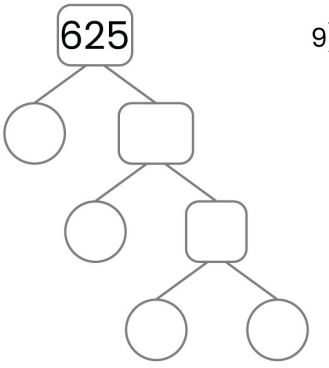
160 = _____

7) 375



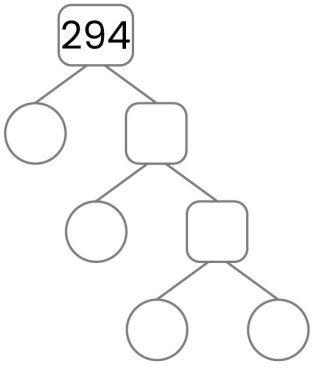
375 = _____

8) 625



625 = _____

9) 294



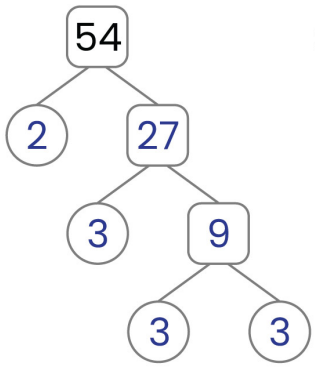
294 = _____

Name : _____

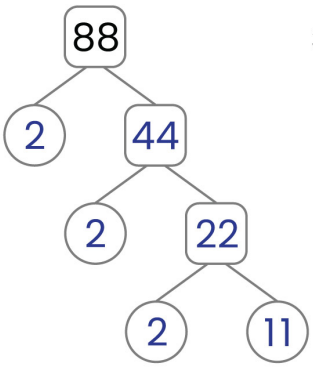
MATH MONKS

Finding Prime Factors

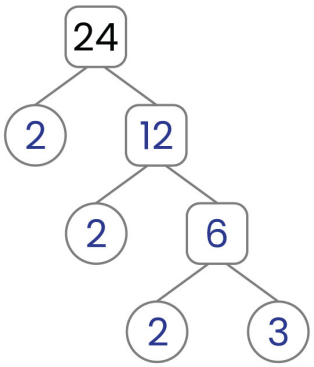
Answer

1) 

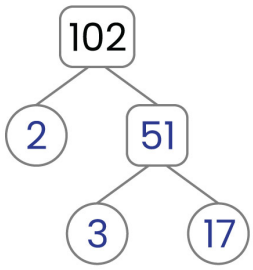
54 = 2 x 3 x 3 x 3

2) 

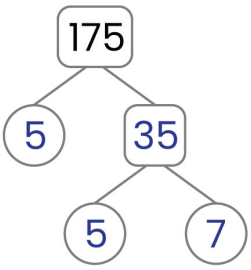
88 = 2 x 2 x 2 x 11

3) 

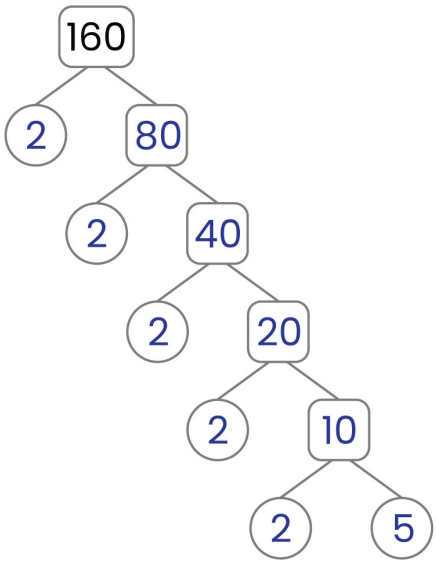
24 = 2 x 2 x 2 x 3

4) 

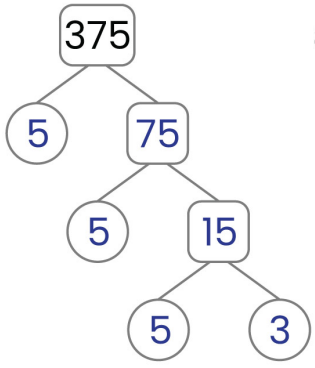
102 = 2 x 3 x 17

5) 

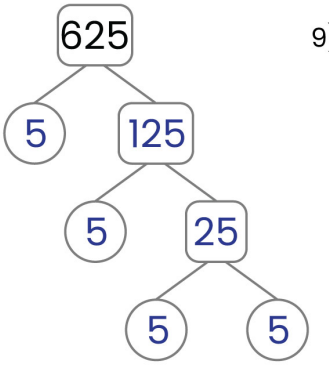
175 = 5 x 5 x 7

6) 

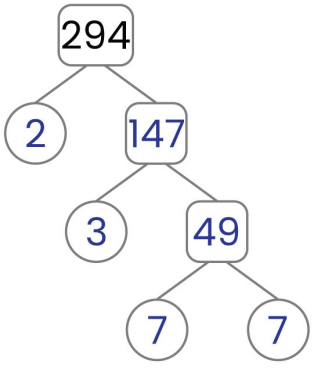
160 = 2 x 2 x 2 x 2 x 2 x 5

7) 

375 = 5 x 5 x 5 x 3

8) 

625 = 5 x 5 x 5 x 5

9) 

294 = 2 x 3 x 7 x 7