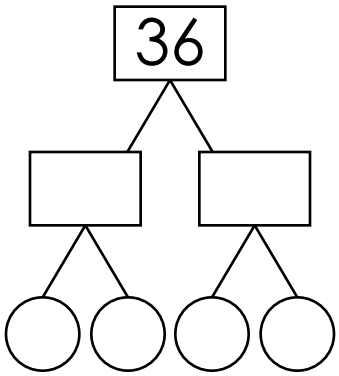
Name: _____

Factor Trees

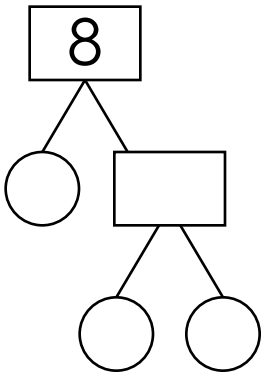
Complete the factor tree for each number to find the prime factors.

a.



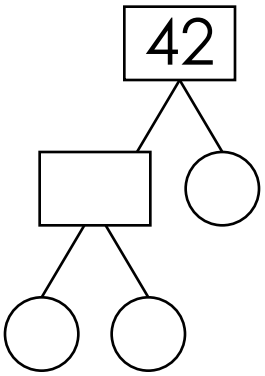
36 = ____ x ____ x ____ x ____

b.



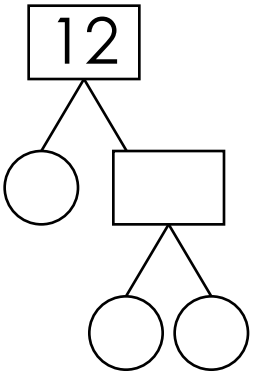
8 = ____ x ____ x ____

c.



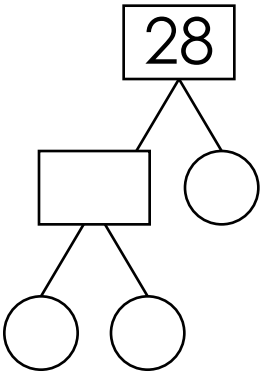
42 = ____ x ____ x ____

d.



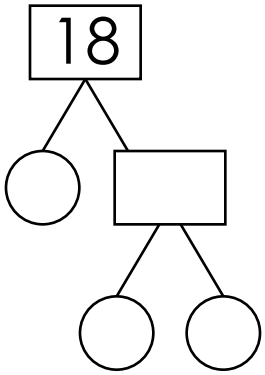
12 = ____ x ____ x ____

e.



28 = ____ x ____ x ____

f.



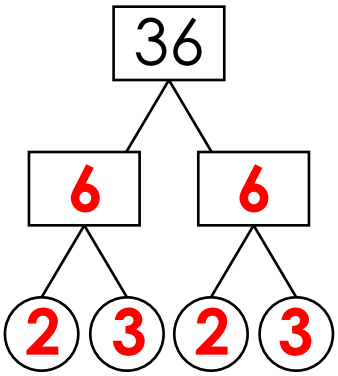
18 = ____ x ____ x ____

ANSWER KEY

Factor Trees

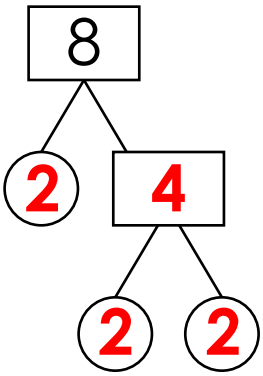
Complete the factor tree for each number to find the prime factors.

a.



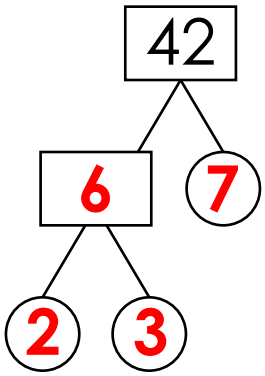
36 = 2 x 3 x 2 x 3

b.



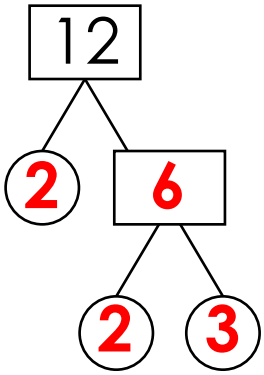
8 = 2 x 2 x 2

c.



42 = 2 x 3 x 7

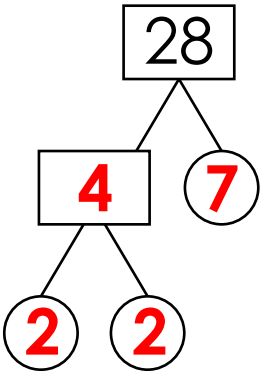
d.



12 = 2 x 2 x 3

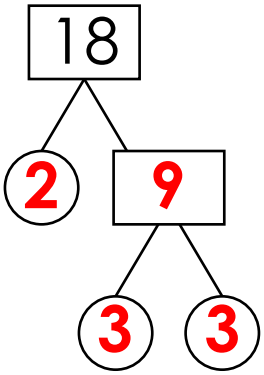
Note: In the first line, 3 & 4 could also have been used.

e.



28 = 2 x 2 x 7

f.



18 = 2 x 3 x 3