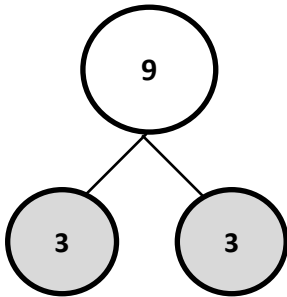


Answer 2 – Prime Factors

Find the prime factors for the following numbers.

Prime Factor of 9

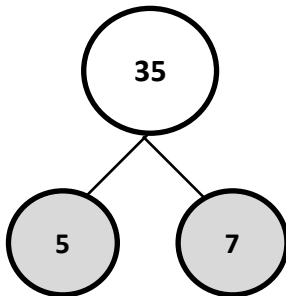


- Divide 9 by the prime factor 3
 $9 \div 3 = 3$

Prime Factor of 9

$$3 \times 3 = 9$$

Prime Factor of 35

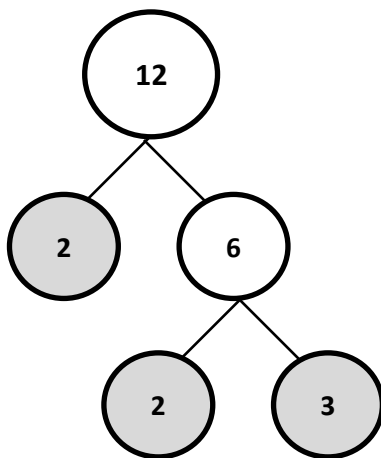


- Divide 35 by the prime factor 5
 $35 \div 5 = 7$

Prime Factor of 35

$$5 \times 7 = 35$$

Prime Factor of 12

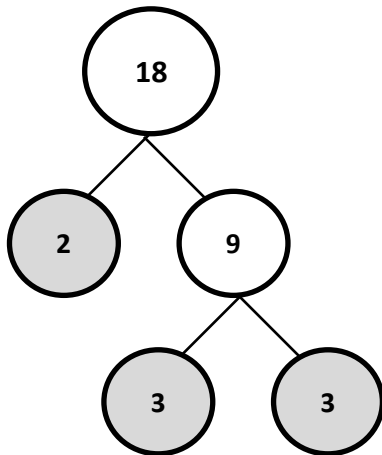


- Divide 12 by the prime factor 2
 $12 \div 2 = 6$
- Divide 6 by the prime factor 2
 $6 \div 2 = 3$

Prime Factor of 12

$$2 \times 2 \times 3 = 12$$

Prime Factor of 18

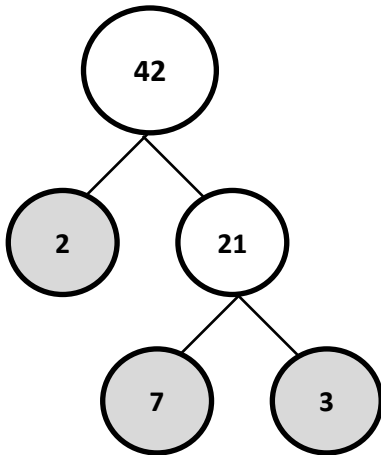


- Divide 18 by the prime factor 2
 $18 \div 2 = 9$
- Divide 9 by the prime factor 3
 $9 \div 3 = 3$

Prime Factor of 18

$$2 \times 3 \times 3 = 18$$

Prime Factor of 42

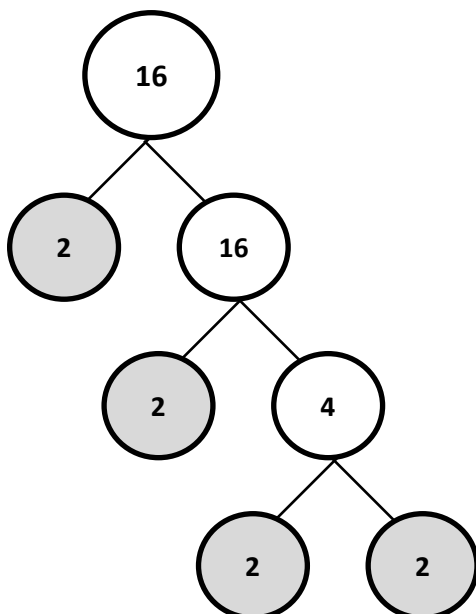


- Divide 42 by the prime factor 2
 $42 \div 2 = 21$
- Divide 21 by the prime factor 7
 $21 \div 7 = 3$

Prime Factor of 42

$$2 \times 3 \times 7 = 42$$

Prime Factor of 16

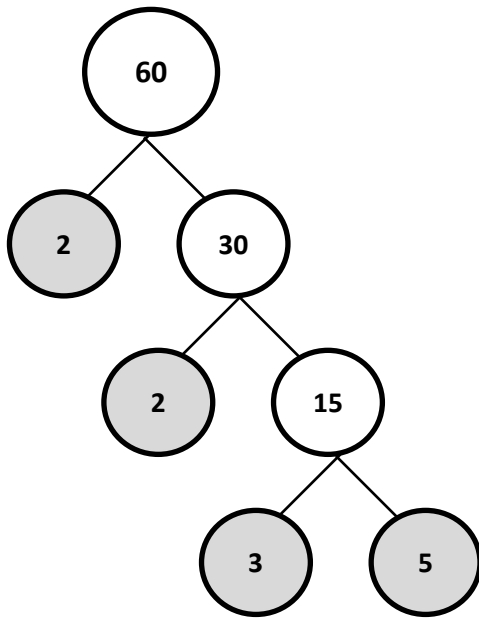


- Divide 16 by the prime factor 2
 $16 \div 2 = 8$
- Divide 8 by the prime factor 2
 $8 \div 2 = 4$
- Divide 4 by the prime factor 2
 $4 \div 2 = 2$

Prime Factor of 16

$$2 \times 2 \times 2 \times 2 = 16$$

Prime Factor of 60

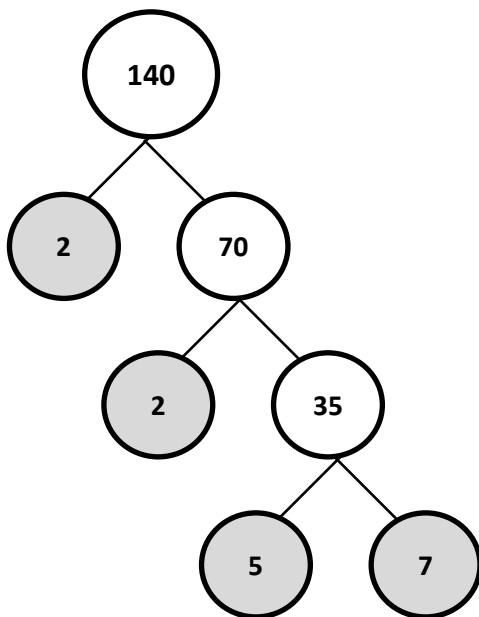


- Divide 60 by the prime factor 2
 $60 \div 2 = 30$
- Divide 30 by the prime factor 2
 $30 \div 2 = 15$
- Divide 15 by the prime factor 3
 $15 \div 3 = 5$

Prime Factor of 60

$$2 \times 2 \times 3 \times 5 = 60$$

Prime Factor of 140



- Divide 140 by the prime factor 2
 $140 \div 2 = 70$
- Divide 70 by the prime factor 2
 $70 \div 2 = 35$
- Divide 35 by the prime factor 5
 $35 \div 5 = 7$

Prime Factor of 140

$$2 \times 2 \times 5 \times 7 = 140$$