

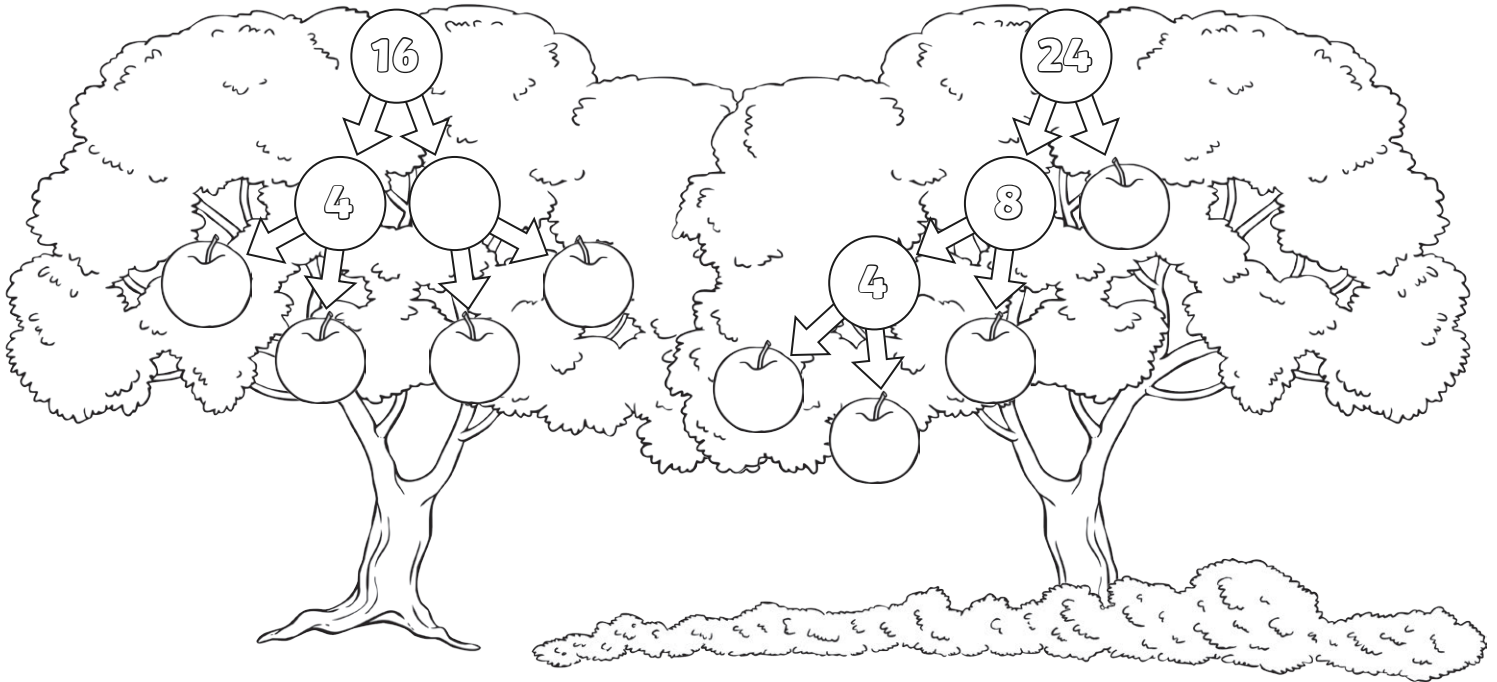


Amazing Apples

I can find the prime factors of numbers.



- 1) Complete the factor tree below and write the prime factors in the apples.

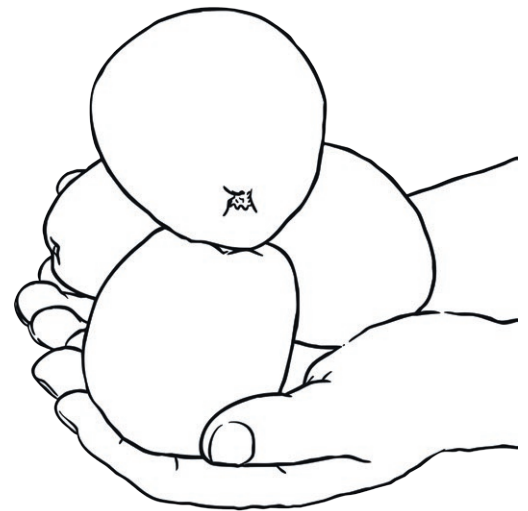


- 2) Now, draw your own factor trees to work out the prime factors of:

a) 28 - _____

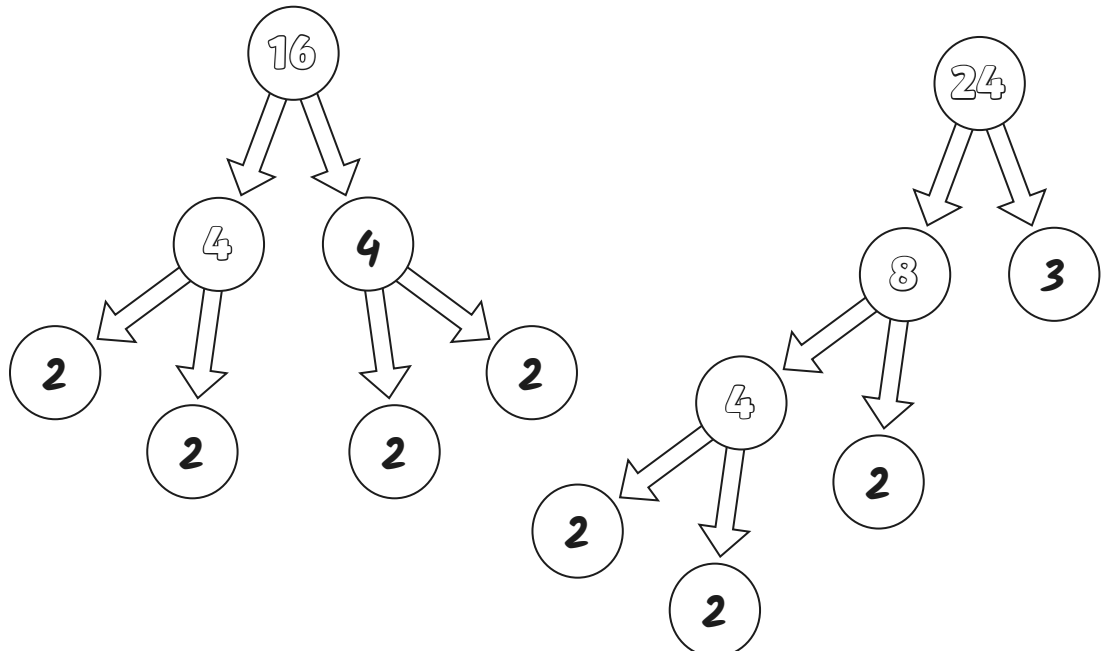
b) 36 - _____

c) 40 - _____





Amazing Apples **Answers**

Question	Answer
1.	Complete the factor tree below and write the prime factors in the apples.
	 <p>The diagram shows two factor trees. The first tree starts with 16 at the top, which branches into two 4s. Each 4 then branches into two 2s, resulting in a total of four prime factors of 2. The second tree starts with 24 at the top, which branches into 8 and 3. The 8 then branches into 4 and 2, and the 4 further branches into two 2s, resulting in a total of five prime factors: three 2s and one 3.</p>
2.	Now, draw your own factor trees to work out the prime factors of:
a	32 - 2, 2, 2, 2, 2
b	18 - 2, 3, 3
c	50 - 2, 5, 5

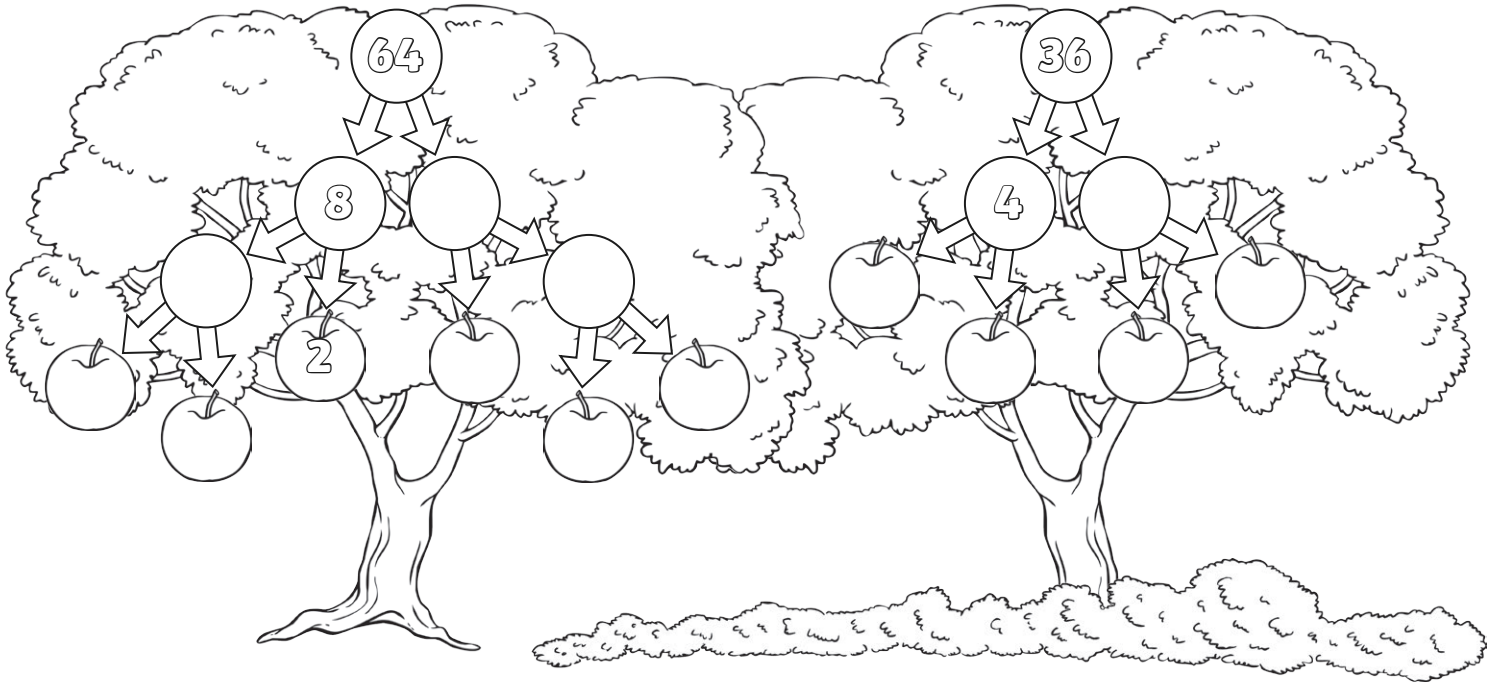


Amazing Apples

I can find the prime factors of numbers.



- 1) Complete the factor tree below and write the prime factors in the apples.

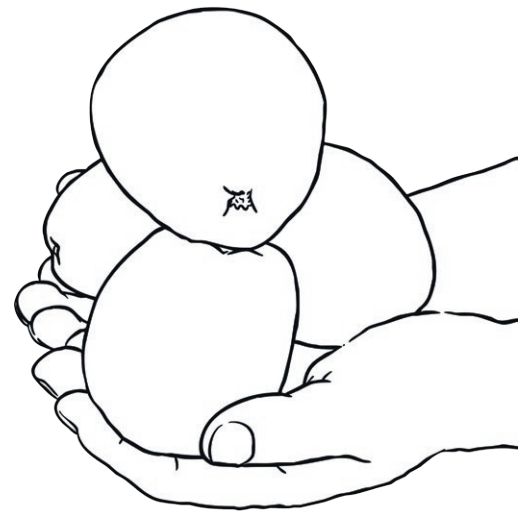


- 2) Now, draw your own factor trees to work out the prime factors of:

a) 56 - _____

b) 72 - _____

c) 80 - _____





Amazing Apples **Answers**

Question	Answer
1.	Complete the factor tree below and write the prime factors in the apples.
	<p>The image shows two factor trees. The first tree starts with 64 at the top. It branches into two 8s. The left 8 branches into a 4 and a 2. The 4 branches into two 2s. The right 8 branches into a 4 and a 2. The 4 branches into a 2 and another 2. The second tree starts with 36 at the top. It branches into a 4 and a 9. The 4 branches into a 2 and another 2. The 9 branches into a 3 and another 3.</p>
2.	Now, draw your own factor trees to work out the prime factors of:
a	56 - 2, 2, 2, 7
b	72 - 2, 2, 2, 3, 3
c	80 - 2, 2, 2, 2, 5

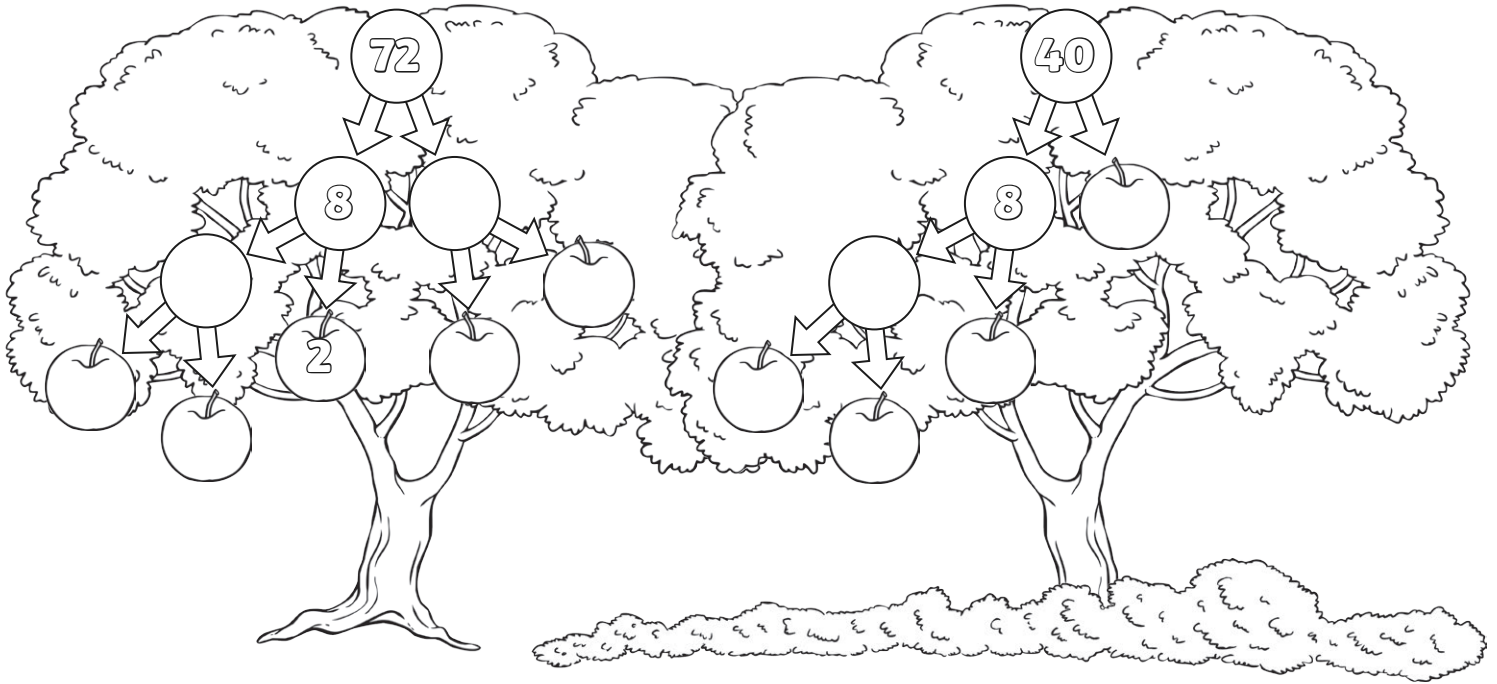


Amazing Apples

I can find the prime factors of numbers.



- 1) Complete the factor tree below and write the prime factors in the apples.

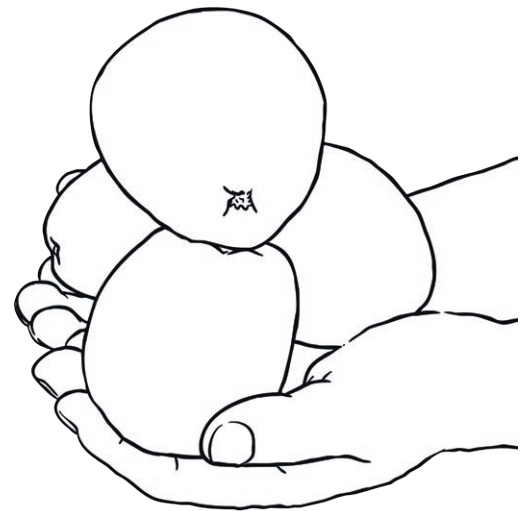


- 2) Now, draw your own factor trees to work out the prime factors of:

a) 42 - _____

b) 81 - _____

c) 96 - _____





Amazing Apples Answers

Question	Answer
1.	Complete the factor tree below and write the prime factors in the apples.
	<p>The diagram shows two factor trees. The first tree starts with 72 at the top, which branches into 8 and 9. The 8 branches into 4 and 2. The 4 branches into 2 and 2. The 9 branches into 3 and 3. The second tree starts with 40 at the top, which branches into 8 and 5. The 8 branches into 4 and 2. The 4 branches into 2 and 2.</p>
2.	Now, draw your own factor trees to work out the prime factors of:
a	42 - 2, 3, 7
b	81 - 3, 3, 3, 3
c	96 - 2, 2, 2, 2, 2, 3