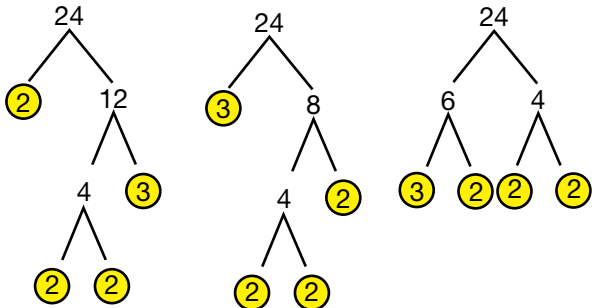


Student Activity Book

Factor Trees (SAB p. 369)  
Questions 1–2

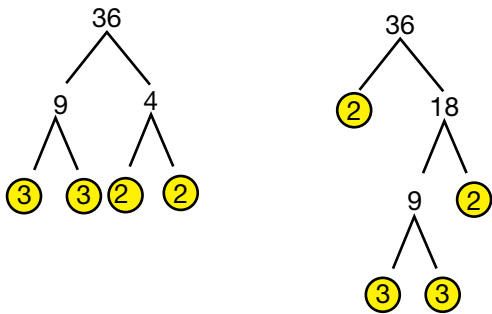
1. A.



B.  $2 \times 2 \times 2 \times 3$

C.  $2^3 \times 3 = 24$

2. A. Possible responses:



B.  $2 \times 2 \times 3 \times 3$

C.  $2^2 \times 3^2 = 36$

Name \_\_\_\_\_ Date \_\_\_\_\_

### Factor Trees

1. A. Complete each of these factor trees for 24.

B. Factor 24 into primes.

C. Write 24 as a product of its prime factors using exponents.

2. A. Make two different factor trees for 36.

B. Factor 36 into primes.

C. Write 36 as a product of its prime factors using exponents.

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