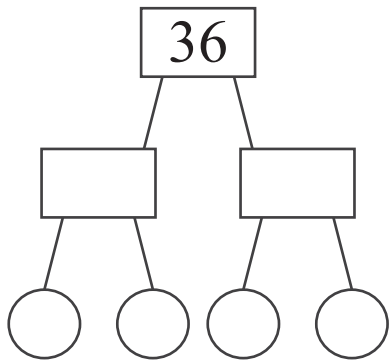


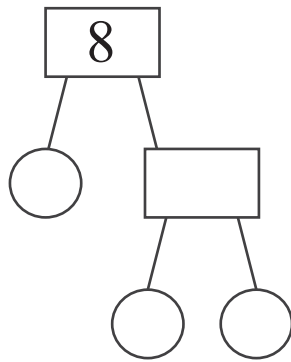
Prime Factorization Trees

Name: _____ Score: _____

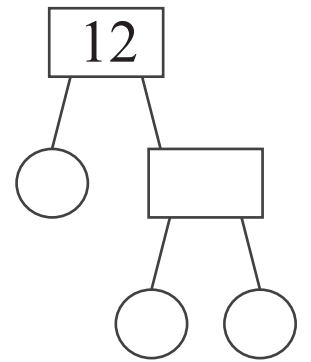
Use the number trees to find the prime factors of each number.



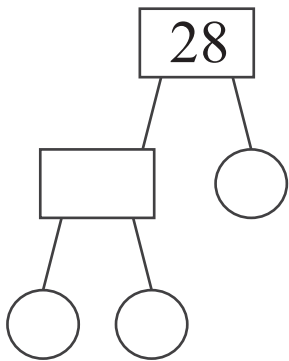
$$36 = 2 \times \underline{\hspace{2cm}}$$



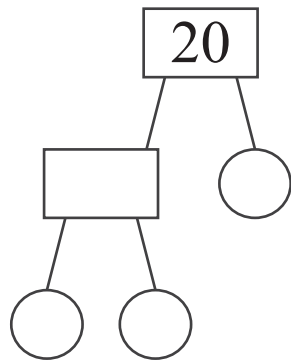
$$8 = \underline{\hspace{2cm}}$$



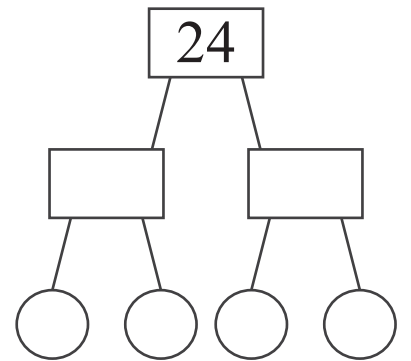
$$12 = \underline{\hspace{2cm}}$$



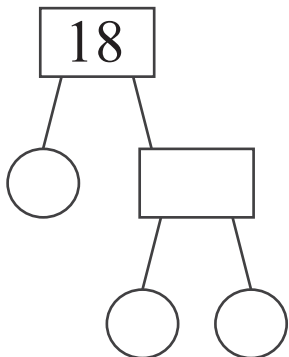
$$28 = \underline{\hspace{2cm}}$$



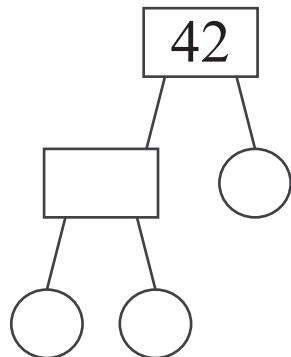
$$20 = \underline{\hspace{2cm}}$$



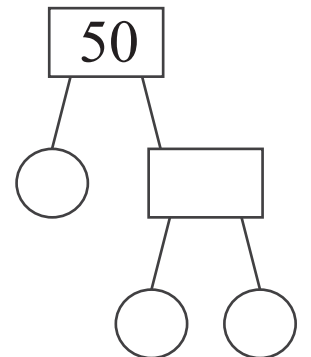
$$24 = \underline{\hspace{2cm}}$$



$$18 = \underline{\hspace{2cm}}$$



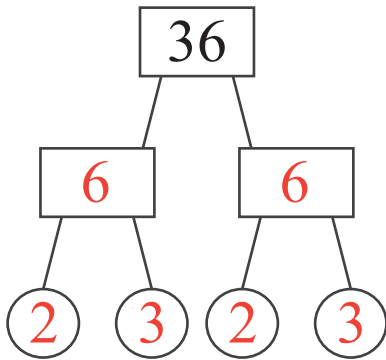
$$42 = \underline{\hspace{2cm}}$$



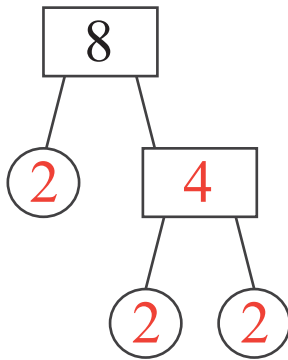
$$50 = \underline{\hspace{2cm}}$$

Answers

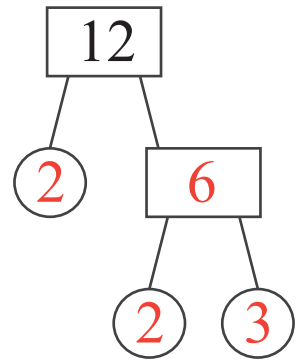
Use the number trees to find the prime factors of each number.



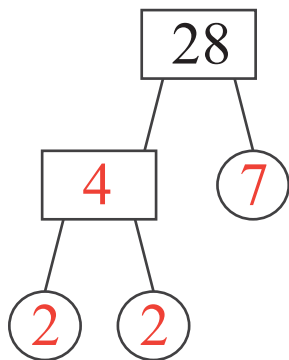
$$36 = \underline{2 \times 2 \times 3 \times 3}$$



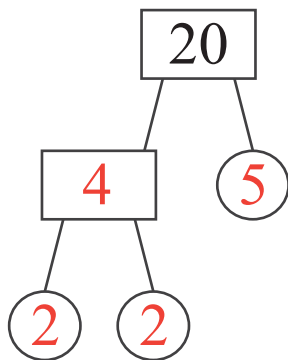
$$8 = \underline{2 \times 2 \times 2}$$



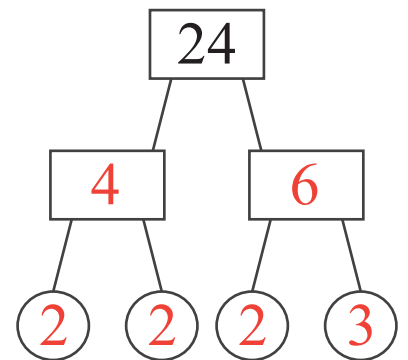
$$12 = \underline{2 \times 2 \times 3}$$



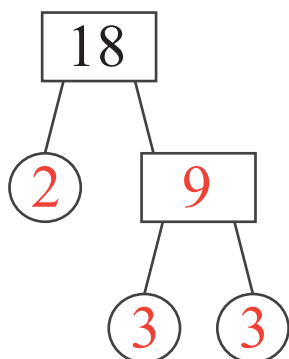
$$28 = \underline{2 \times 2 \times 7}$$



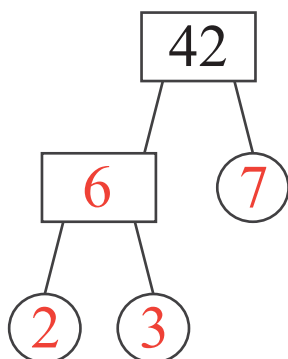
$$20 = \underline{2 \times 2 \times 5}$$



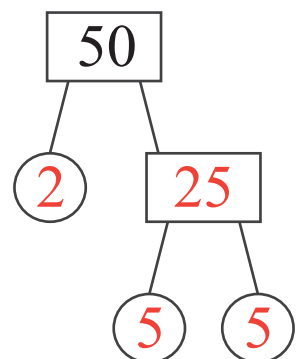
$$24 = \underline{2 \times 2 \times 2 \times 3}$$



$$18 = \underline{2 \times 3 \times 3}$$



$$42 = \underline{2 \times 3 \times 7}$$



$$50 = \underline{2 \times 5 \times 5}$$