Prime Factors (H)

Use a tree diagram to find the prime factors of each number.

10	18	6
39	21	32
28	34	39

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Prime Factors (H) Answers

Use a tree diagram to find the prime factors of each number.

10 10 2^{5} $10 = 2 \times 5$	18 18 $2 9$ $3 3$ $18 = 2 \times 3^{2}$	6 6 2^{3} $6 = 2 \times 3$
39 39 3^{3} 3^{3} 3^{3} $3^{3} = 3 \times 13$	21 21 37 $21 = 3 \times 7$	32 32 4 8 2 2 4 2 $32 = 2^{5}$
28 28 214 27 $28 = 2^2 \times 7$	34 34 $2 17$ $34 = 2 \times 17$	39 39 3^{13} $39 = 3 \times 13$