

Prime Factors (A)

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

28

65

9

24

96

51

35

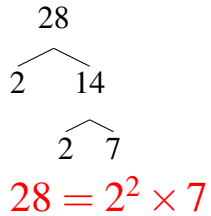
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27

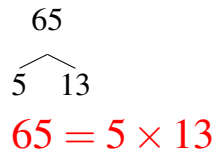
Prime Factors (A) Answers

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

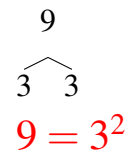
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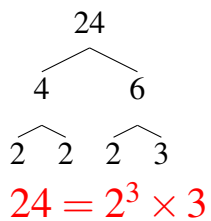
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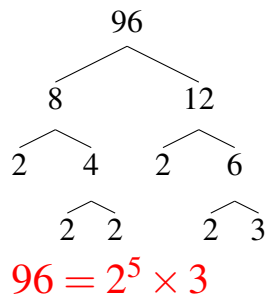
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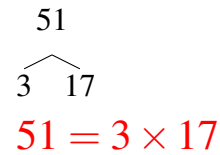
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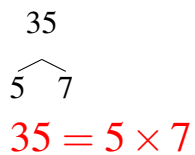
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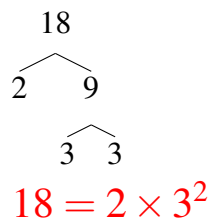
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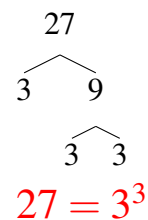
35



18



27



Prime Factors (B)

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

62

63

40

20

74

65

94

82

78

Prime Factors (B) Answers

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

62

$$\begin{array}{c} 62 \\ \swarrow \quad \searrow \\ 2 \quad 31 \\ \hline 62 = 2 \times 31 \end{array}$$

63

$$\begin{array}{c} 63 \\ \swarrow \quad \searrow \\ 3 \quad 21 \\ \quad \swarrow \quad \searrow \\ \quad 3 \quad 7 \\ \hline 63 = 3^2 \times 7 \end{array}$$

40

$$\begin{array}{c} 40 \\ \swarrow \quad \searrow \\ 4 \quad 10 \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 2 \quad 2 \quad 2 \quad 5 \\ \hline 40 = 2^3 \times 5 \end{array}$$

20

$$\begin{array}{c} 20 \\ \swarrow \quad \searrow \\ 2 \quad 10 \\ \quad \swarrow \quad \searrow \\ \quad 2 \quad 5 \\ \hline 20 = 2^2 \times 5 \end{array}$$

74

$$\begin{array}{c} 74 \\ \swarrow \quad \searrow \\ 2 \quad 37 \\ \hline 74 = 2 \times 37 \end{array}$$

65

$$\begin{array}{c} 65 \\ \swarrow \quad \searrow \\ 5 \quad 13 \\ \hline 65 = 5 \times 13 \end{array}$$

94

$$\begin{array}{c} 94 \\ \swarrow \quad \searrow \\ 2 \quad 47 \\ \hline 94 = 2 \times 47 \end{array}$$

82

$$\begin{array}{c} 82 \\ \swarrow \quad \searrow \\ 2 \quad 41 \\ \hline 82 = 2 \times 41 \end{array}$$

78

$$\begin{array}{c} 78 \\ \swarrow \quad \searrow \\ 2 \quad 39 \\ \quad \swarrow \quad \searrow \\ \quad 3 \quad 13 \\ \hline 78 = 2 \times 3 \times 13 \end{array}$$

Prime Factors (C)

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

12

51

95

68

20

9

56

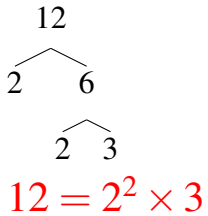
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12

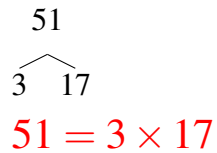
Prime Factors (C) Answers

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

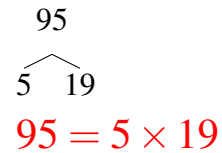
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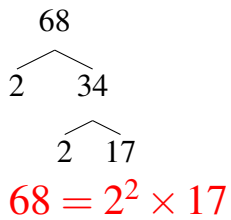
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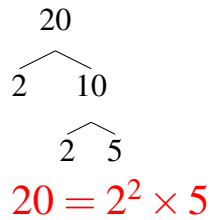
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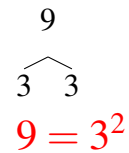
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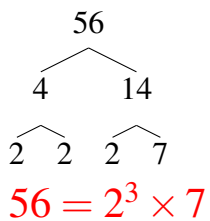
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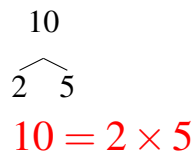
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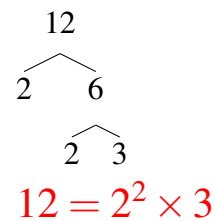
56



10



12



Prime Factors (D)

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

87

10

34

74

68

34

48

26

74

Prime Factors (D) Answers

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

87

$$\begin{array}{c} 87 \\ \swarrow \quad \searrow \\ 3 \quad 29 \\ \hline 87 = 3 \times 29 \end{array}$$

10

$$\begin{array}{c} 10 \\ \swarrow \quad \searrow \\ 2 \quad 5 \\ \hline 10 = 2 \times 5 \end{array}$$

34

$$\begin{array}{c} 34 \\ \swarrow \quad \searrow \\ 2 \quad 17 \\ \hline 34 = 2 \times 17 \end{array}$$

74

$$\begin{array}{c} 74 \\ \swarrow \quad \searrow \\ 2 \quad 37 \\ \hline 74 = 2 \times 37 \end{array}$$

68

$$\begin{array}{c} 68 \\ \swarrow \quad \searrow \\ 2 \quad 34 \\ \quad \swarrow \quad \searrow \\ \quad 2 \quad 17 \\ \hline 68 = 2^2 \times 17 \end{array}$$

34

$$\begin{array}{c} 34 \\ \swarrow \quad \searrow \\ 2 \quad 17 \\ \hline 34 = 2 \times 17 \end{array}$$

48

$$\begin{array}{c} 48 \\ \swarrow \quad \searrow \\ 4 \quad 12 \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 2 \quad 2 \quad 2 \quad 6 \\ \quad \quad \quad \swarrow \quad \searrow \\ \quad \quad \quad 2 \quad 3 \\ \hline 48 = 2^4 \times 3 \end{array}$$

26

$$\begin{array}{c} 26 \\ \swarrow \quad \searrow \\ 2 \quad 13 \\ \hline 26 = 2 \times 13 \end{array}$$

74

$$\begin{array}{c} 74 \\ \swarrow \quad \searrow \\ 2 \quad 37 \\ \hline 74 = 2 \times 37 \end{array}$$

Prime Factors (E)

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

91

35

20

85

82

78

10

64

9

Prime Factors (E) Answers

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

91

$$\begin{array}{c} 91 \\ \swarrow \quad \searrow \\ 7 \quad 13 \\ \hline 91 = 7 \times 13 \end{array}$$

35

$$\begin{array}{c} 35 \\ \swarrow \quad \searrow \\ 5 \quad 7 \\ \hline 35 = 5 \times 7 \end{array}$$

20

$$\begin{array}{c} 20 \\ \swarrow \quad \searrow \\ 2 \quad 10 \\ \quad \swarrow \quad \searrow \\ \quad 2 \quad 5 \\ \hline 20 = 2^2 \times 5 \end{array}$$

85

$$\begin{array}{c} 85 \\ \swarrow \quad \searrow \\ 5 \quad 17 \\ \hline 85 = 5 \times 17 \end{array}$$

82

$$\begin{array}{c} 82 \\ \swarrow \quad \searrow \\ 2 \quad 41 \\ \hline 82 = 2 \times 41 \end{array}$$

78

$$\begin{array}{c} 78 \\ \swarrow \quad \searrow \\ 2 \quad 39 \\ \quad \swarrow \quad \searrow \\ \quad 3 \quad 13 \\ \hline 78 = 2 \times 3 \times 13 \end{array}$$

10

$$\begin{array}{c} 10 \\ \swarrow \quad \searrow \\ 2 \quad 5 \\ \hline 10 = 2 \times 5 \end{array}$$

64

$$\begin{array}{c} 64 \\ \swarrow \quad \searrow \\ 8 \quad 8 \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 2 \quad 4 \quad 2 \quad 4 \\ \quad \swarrow \quad \searrow \quad \quad \swarrow \quad \searrow \\ \quad 2 \quad 2 \quad \quad 2 \quad 2 \\ \hline 64 = 2^6 \end{array}$$

9

$$\begin{array}{c} 9 \\ \swarrow \quad \searrow \\ 3 \quad 3 \\ \hline 9 = 3^2 \end{array}$$

Prime Factors (F)

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

58

65

28

62

75

45

30

27

90

Prime Factors (F) Answers

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

58

$$\begin{array}{c} 58 \\ \swarrow \quad \searrow \\ 2 \quad 29 \\ \hline 58 = 2 \times 29 \end{array}$$

65

$$\begin{array}{c} 65 \\ \swarrow \quad \searrow \\ 5 \quad 13 \\ \hline 65 = 5 \times 13 \end{array}$$

28

$$\begin{array}{c} 28 \\ \swarrow \quad \searrow \\ 2 \quad 14 \\ \quad \swarrow \quad \searrow \\ \quad 2 \quad 7 \\ \hline 28 = 2^2 \times 7 \end{array}$$

62

$$\begin{array}{c} 62 \\ \swarrow \quad \searrow \\ 2 \quad 31 \\ \hline 62 = 2 \times 31 \end{array}$$

75

$$\begin{array}{c} 75 \\ \swarrow \quad \searrow \\ 3 \quad 25 \\ \quad \swarrow \quad \searrow \\ \quad 5 \quad 5 \\ \hline 75 = 3 \times 5^2 \end{array}$$

45

$$\begin{array}{c} 45 \\ \swarrow \quad \searrow \\ 3 \quad 15 \\ \quad \swarrow \quad \searrow \\ \quad 3 \quad 5 \\ \hline 45 = 3^2 \times 5 \end{array}$$

30

$$\begin{array}{c} 30 \\ \swarrow \quad \searrow \\ 2 \quad 15 \\ \quad \swarrow \quad \searrow \\ \quad 3 \quad 5 \\ \hline 30 = 2 \times 3 \times 5 \end{array}$$

27

$$\begin{array}{c} 27 \\ \swarrow \quad \searrow \\ 3 \quad 9 \\ \quad \swarrow \quad \searrow \\ \quad 3 \quad 3 \\ \hline 27 = 3^3 \end{array}$$

90

$$\begin{array}{c} 90 \\ \swarrow \quad \searrow \\ 6 \quad 15 \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 2 \quad 3 \quad 3 \quad 5 \\ \hline 90 = 2 \times 3^2 \times 5 \end{array}$$

Prime Factors (G)

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

95

62

36

62

52

57

87

74

46

Prime Factors (G) Answers

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

95

$$\begin{array}{c} 95 \\ \swarrow \quad \searrow \\ 5 \quad 19 \\ \hline 95 = 5 \times 19 \end{array}$$

62

$$\begin{array}{c} 62 \\ \swarrow \quad \searrow \\ 2 \quad 31 \\ \hline 62 = 2 \times 31 \end{array}$$

36

$$\begin{array}{c} 36 \\ \swarrow \quad \searrow \\ 4 \quad 9 \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 2 \quad 2 \quad 3 \quad 3 \\ \hline 36 = 2^2 \times 3^2 \end{array}$$

62

$$\begin{array}{c} 62 \\ \swarrow \quad \searrow \\ 2 \quad 31 \\ \hline 62 = 2 \times 31 \end{array}$$

52

$$\begin{array}{c} 52 \\ \swarrow \quad \searrow \\ 2 \quad 26 \\ \quad \swarrow \quad \searrow \\ \quad 2 \quad 13 \\ \hline 52 = 2^2 \times 13 \end{array}$$

57

$$\begin{array}{c} 57 \\ \swarrow \quad \searrow \\ 3 \quad 19 \\ \hline 57 = 3 \times 19 \end{array}$$

87

$$\begin{array}{c} 87 \\ \swarrow \quad \searrow \\ 3 \quad 29 \\ \hline 87 = 3 \times 29 \end{array}$$

74

$$\begin{array}{c} 74 \\ \swarrow \quad \searrow \\ 2 \quad 37 \\ \hline 74 = 2 \times 37 \end{array}$$

46

$$\begin{array}{c} 46 \\ \swarrow \quad \searrow \\ 2 \quad 23 \\ \hline 46 = 2 \times 23 \end{array}$$

Prime Factors (H)

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

68

48

54

46

63

54

25

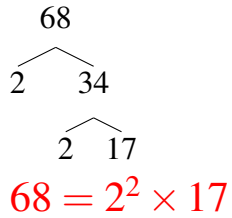
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22

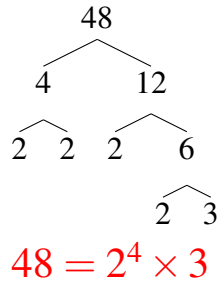
Prime Factors (H) Answers

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

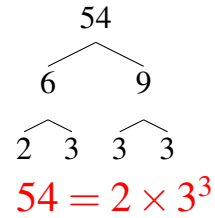
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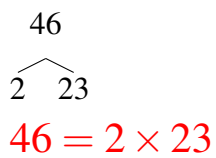
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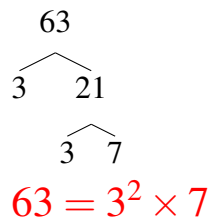
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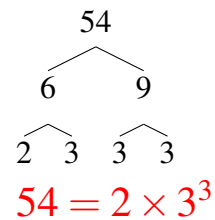
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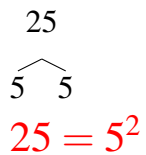
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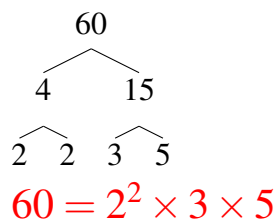
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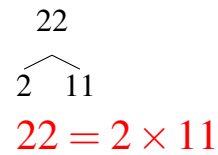
25



60



22



Prime Factors (I)

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

85

20

96

57

52

75

26

95

85

Prime Factors (I) Answers

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

85

$$\begin{array}{c} 85 \\ \swarrow \quad \searrow \\ 5 \quad 17 \\ \hline 85 = 5 \times 17 \end{array}$$

20

$$\begin{array}{c} 20 \\ \swarrow \quad \searrow \\ 2 \quad 10 \\ \quad \swarrow \quad \searrow \\ \quad 2 \quad 5 \\ \hline 20 = 2^2 \times 5 \end{array}$$

96

$$\begin{array}{c} 96 \\ \swarrow \quad \searrow \\ 8 \quad 12 \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 2 \quad 4 \quad 2 \quad 6 \\ \quad \swarrow \quad \searrow \quad \quad \swarrow \quad \searrow \\ \quad 2 \quad 2 \quad \quad 2 \quad 3 \\ \hline 96 = 2^5 \times 3 \end{array}$$

57

$$\begin{array}{c} 57 \\ \swarrow \quad \searrow \\ 3 \quad 19 \\ \hline 57 = 3 \times 19 \end{array}$$

52

$$\begin{array}{c} 52 \\ \swarrow \quad \searrow \\ 2 \quad 26 \\ \quad \swarrow \quad \searrow \\ \quad 2 \quad 13 \\ \hline 52 = 2^2 \times 13 \end{array}$$

75

$$\begin{array}{c} 75 \\ \swarrow \quad \searrow \\ 3 \quad 25 \\ \quad \swarrow \quad \searrow \\ \quad 5 \quad 5 \\ \hline 75 = 3 \times 5^2 \end{array}$$

26

$$\begin{array}{c} 26 \\ \swarrow \quad \searrow \\ 2 \quad 13 \\ \hline 26 = 2 \times 13 \end{array}$$

95

$$\begin{array}{c} 95 \\ \swarrow \quad \searrow \\ 5 \quad 19 \\ \hline 95 = 5 \times 19 \end{array}$$

85

$$\begin{array}{c} 85 \\ \swarrow \quad \searrow \\ 5 \quad 17 \\ \hline 85 = 5 \times 17 \end{array}$$

Prime Factors (J)

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

58

9

91

25

36

9

34

44

91

Prime Factors (J) Answers

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

58

$$\begin{array}{c} 58 \\ \swarrow \quad \searrow \\ 2 \quad 29 \\ \hline 58 = 2 \times 29 \end{array}$$

9

$$\begin{array}{c} 9 \\ \swarrow \quad \searrow \\ 3 \quad 3 \\ \hline 9 = 3^2 \end{array}$$

91

$$\begin{array}{c} 91 \\ \swarrow \quad \searrow \\ 7 \quad 13 \\ \hline 91 = 7 \times 13 \end{array}$$

25

$$\begin{array}{c} 25 \\ \swarrow \quad \searrow \\ 5 \quad 5 \\ \hline 25 = 5^2 \end{array}$$

36

$$\begin{array}{c} 36 \\ \swarrow \quad \searrow \\ 4 \quad 9 \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 2 \quad 2 \quad 3 \quad 3 \\ \hline 36 = 2^2 \times 3^2 \end{array}$$

9

$$\begin{array}{c} 9 \\ \swarrow \quad \searrow \\ 3 \quad 3 \\ \hline 9 = 3^2 \end{array}$$

34

$$\begin{array}{c} 34 \\ \swarrow \quad \searrow \\ 2 \quad 17 \\ \hline 34 = 2 \times 17 \end{array}$$

44

$$\begin{array}{c} 44 \\ \swarrow \quad \searrow \\ 2 \quad 22 \\ \swarrow \quad \searrow \\ 2 \quad 11 \\ \hline 44 = 2^2 \times 11 \end{array}$$

91

$$\begin{array}{c} 91 \\ \swarrow \quad \searrow \\ 7 \quad 13 \\ \hline 91 = 7 \times 13 \end{array}$$