Name: _____ Date: _____

Factors

Write the answer in the box. Some answers have a pick list.



1 List every positive factor of 63 that is also a multiple of 3, from least to greatest.

💡 Hint: A factor divides the number with nothing left over. Try 1, 2, 3 … in turn.

3 , 9 , 21 , 63

2 Hoa says 8 is a factor of 49. Is Hoa right? Use a multiplication fact or division to justify your answer.

💡 Hint: A factor divides the number with nothing left over. Try 1, 2, 3 … in turn.

No. 8 × 6 = 48, so dividing 49 by 8 leaves remainder 1.

3 I am a whole number between 20 and 28. Both 4 and 6 are my factors. What number am I?

💡 Hint: A factor divides the number with nothing left over. Try 1, 2, 3 … in turn.

24

4 I am a whole number between 68 and 76. Both 8 and 9 are my factors. What number am I?

💡 Hint: A factor divides the number with nothing left over. Try 1, 2, 3 … in turn.

72

5 Hoa says 7 is a factor of 43. Is Hoa right? Use a multiplication fact or division to justify your answer.

💡 Hint: A factor divides the number with nothing left over. Try 1, 2, 3 … in turn.

No. 7 × 6 = 42, so dividing 43 by 7 leaves remainder 1.

6 I am a whole number between 50 and 58. Both 6 and 9 are my factors. What number am I?

💡 Hint: A factor divides the number with nothing left over. Try 1, 2, 3 … in turn.

54

7 I am a whole number between 32 and 40. Both 4 and 9 are my factors. What number am I?

💡 Hint: A factor divides the number with nothing left over. Try 1, 2, 3 … in turn.

36

8 List every positive factor of 45 that is also a multiple of 3, from least to greatest.

💡 Hint: A factor divides the number with nothing left over. Try 1, 2, 3 … in turn.

3 , 9 , 15 , 45

9 List every positive factor of 56 that is also a multiple of 7, from least to greatest.

💡 Hint: A factor divides the number with nothing left over. Try 1, 2, 3 … in turn.

7 , 14 , 28 , 56

10 Hoa says 5 is a factor of 31. Is Hoa right? Use a multiplication fact or division to justify your answer.

💡 Hint: A factor divides the number with nothing left over. Try 1, 2, 3 … in turn.

No. 5 × 6 = 30, so dividing 31 by 5 leaves remainder 1.