Factors and Multiples

Name: _____ Date: _____ Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

1. 36 has _____ factor pairs in all.
2. The factors of 28 are 1, 2, 4, 7, 14, and _____ .
3. 72 is divisible by 2, 3, and _____ because it ends in 2 and its digit sum is 9.
4. The factor pairs of 18 are (1,18), (2,9), and (_____ ,6).
5. A number divisible by both 2 and 5 must end in _____ .
6. 48 ÷ 6 = 8, so 6 and 8 are both _____ of 48.
7. The digit sum of 123 is 1 + 2 + 3 = _____ . Since that is divisible by 3, so is 123.
8. The largest factor of any number is the _____ itself.
9. The factor pairs of 40 are (1,40), (2,20), (4,10), and (5, _____).

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

16	→ _____	2 factors
23	→ _____	6 factors
30	→ _____	5 factors
12	→ _____	8 factors

Answer Key · Factors and Multiples · Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

1. 36 has **5** factor pairs in all.
2. The factors of 28 are 1, 2, 4, 7, 14, and **28** .
3. 72 is divisible by 2, 3, and **9** because it ends in 2 and its digit sum is 9.
4. The factor pairs of 18 are (1,18), (2,9), and (**3** ,6).
5. A number divisible by both 2 and 5 must end in **0** .
6. 48 ÷ 6 = 8, so 6 and 8 are both **factors** of 48.
7. The digit sum of 123 is 1 + 2 + 3 = **6** . Since that is divisible by 3, so is 123.
8. The largest factor of any number is the **number** itself.
9. The factor pairs of 40 are (1,40), (2,20), (4,10), and (5, **8**).

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

16	→ **5 factors**	2 factors
23	→ **2 factors**	6 factors
30	→ **8 factors**	5 factors
12	→ **6 factors**	8 factors