

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Extra Practice (4.1)

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Use divisibility rules to determine whether each number is divisible by 2, 3, 4, 5, 6, or 10.

1) 700

2) 735

3) 29

4) 426

5) 476

6) 117

List all the factors for each number.

7) 48

8) 196

9) 82

10) 37

11) 95

Determine whether each expression is a monomial. Explain why or why not.

12)  $4(-m)$

13)  $ab$

14)  $2s - t$

15)  $6(x - 6)$

16) 82

17)  $(-12)(-8)x$

18) Brandon delivers newspapers in his neighborhood. On Sunday, he must deliver 112 papers. Since he rides his bike, he separates the papers into smaller stacks and delivers one stack at a time.

a) What size stacks can he make?

b) If Brandon can carry no more than 30 papers at a time and can return home to restock no more than 5 times, how can he organize the 112 papers?