

Name \_\_\_\_\_

# Dividing Multiples of 10 and 100

You can use math facts and patterns to help you divide mentally.

What is  $480 \div 6$ ?

What is  $60,000 \div 6$ ?

You already know that  $48 \div 6 = 8$ .

$60 \div 6 = 10$

480 has one more zero than 48, so place one more zero in the quotient.

60,000 has three more zeros than 60, so place three zeros in the quotient.

$480 \div 6 = 80$ .

$60,000 \div 6 = 10,000$ .

Find each quotient. Use mental math.

1.  $32 \div 8 =$

2.  $320 \div 8 =$

3.  $3,200 \div 8 =$

4.  $32,000 \div 8 =$

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5.  $56 \div 7 =$

6.  $560 \div 7 =$

7.  $5,600 \div 7 =$

8.  $56,000 \div 7 =$

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9.  $15 \div 3 =$

10.  $150 \div 3 =$

11.  $1,500 \div 3 =$

12.  $15,000 \div 3 =$

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13. **Writing To Explain** Explain how dividing 720 by 9 is like dividing 72 by 9.

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Arlo has a newspaper delivery job. He wants to wrap each of his newspapers in a plastic bag to protect them from the rain. The newspapers are in bundles.

### Arlo's Newspaper Delivery

Number of bundles	12
Number of newspapers per bundle	9

Use mental math to answer the following questions.

14. How many bags will he use for 5 bundles?

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15. How many bags will he use for 7 bundles?

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16. How many bags will he use for all 12 bundles?

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