Name _____

Division Problems

Divide.

$72 \div 9 =$	$54 \div 6 =$	$36 \div 3 =$
$5 \overline{)110}$	$7 \overline{)56}$	$8 \overline{)96}$
$108 \div 12 =$	$56 \div 4 =$	$78 \div 6 =$

Label each arrow x or ÷ some whole number.

7

42

420

84

168

21

7

1

3
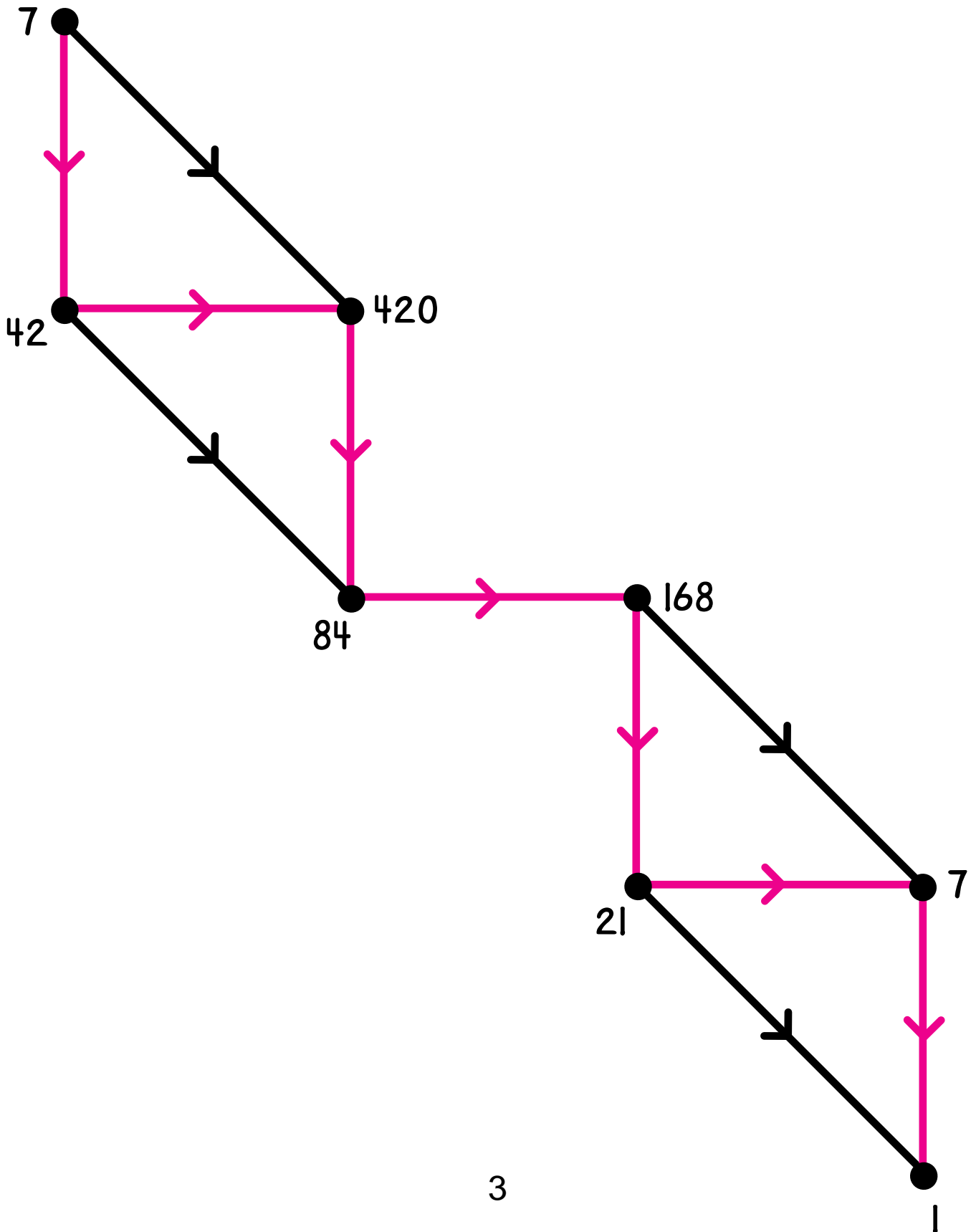
Complete.

$6 \times 8 =$ _____ $7 \times 4 =$ _____

$48 \div 6 =$ _____ $28 \div 7 =$ _____

$48 \div 8 =$ _____ $28 \div 4 =$ _____

$480 \div 8 =$ _____ $280 \div 4 =$ _____

$90 \div 9 =$ _____ $36 \div 3 =$ _____

$99 \div 9 =$ _____ $42 \div 3 =$ _____

$108 \div 9 =$ _____ $48 \div 3 =$ _____

$117 \div 9 =$ _____ $54 \div 3 =$ _____

$60 \div 6 =$ _____ $100 \div 4 =$ _____

$24 \div 6 =$ _____ $36 \div 4 =$ _____

$84 \div 6 =$ _____ $136 \div 4 =$ _____

Label the dots.

÷5

÷3

75

600
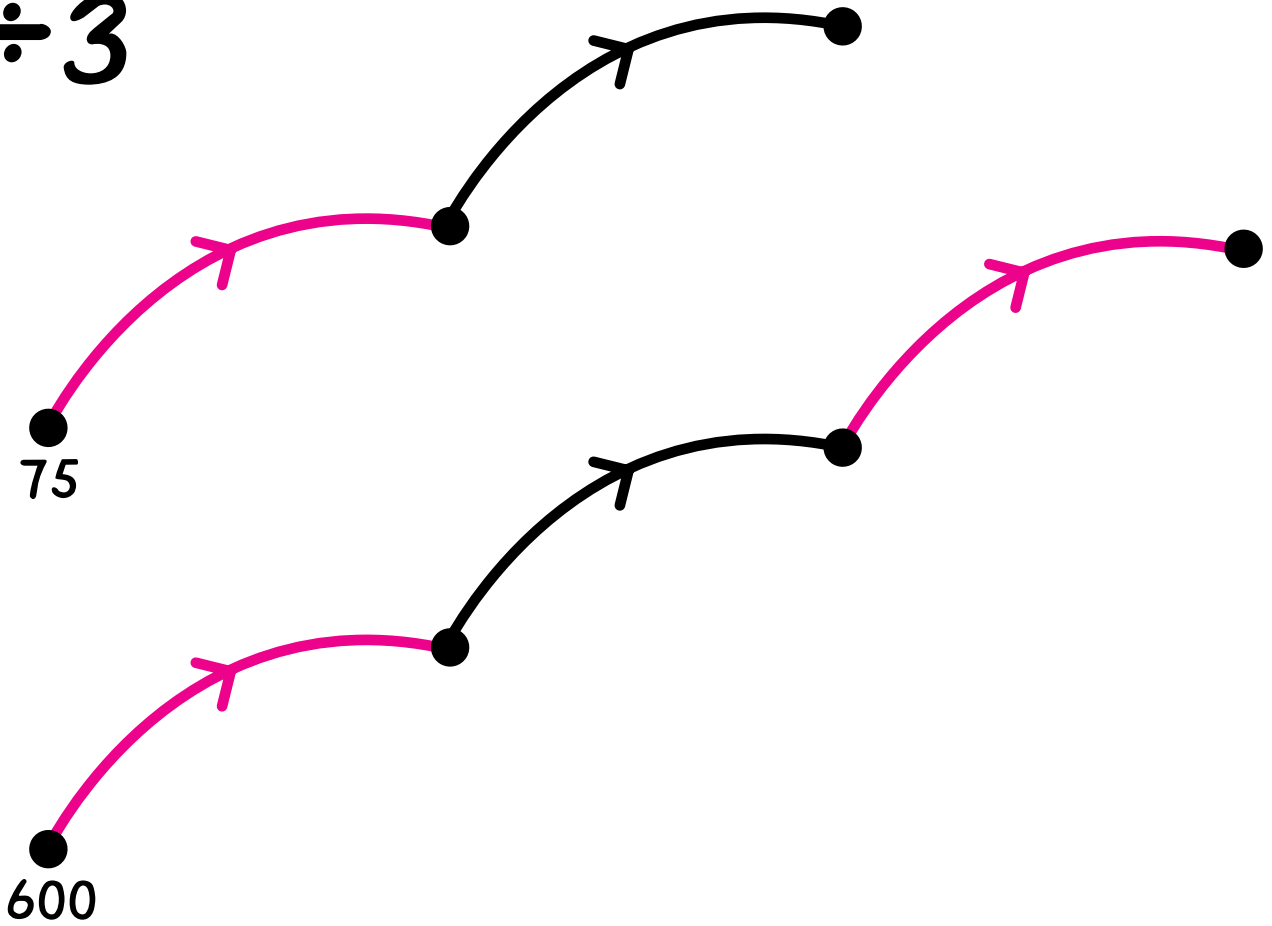
Complete.

$75 \div 15 =$　　　$600 \div 15 =$　　　$120 \div 15 =$

$$728 \div 14 = 52$$

The boxed division fact above is correct. Use this fact to help complete the following division problems.

$714 \div 14 =$ _____ $756 \div 14 =$ _____

$700 \div 14 =$ _____ $770 \div 14 =$ _____

$672 \div 14 =$ _____ $798 \div 14 =$ _____

$532 \div 14 =$ _____ $938 \div 14 =$ _____

$1064 \div 14 =$ _____ $1008 \div 14 =$ _____

$1596 \div 14 =$ _____ $2016 \div 14 =$ _____

Divide.

14)442

12)3878

18)7367

15)9705

How many 32¢ stamps can you buy with $2.00? _____

The area of a rectangular room is 294 square feet. If the length of the room is 21 feet, what is the width of the room? _____

The largest watermelon ever grown weighed 279 pounds. If an average watermelon weighs about 23 pounds, how many times the average was the record-holding watermelon? _____

The volume of a box (rectangular prism) is 240 cm^3. If the bottom of the box is 12 cm by 5 cm, how tall is the box? _____

Complete.

120 ÷ 20 = _____	140 ÷ 7 = _____
120 ÷ 40 = _____	_____ ÷ 7 = 22
120 ÷ 30 = _____	_____ ÷ 7 = 23
120 ÷ 15 = _____	175 ÷ 7 = _____
1600 ÷ 10 = _____	4 200 ÷ 50 = _____
1600 ÷ 100 = _____	4 200 ÷ 25 = _____
1600 ÷ 200 = _____	4 200 ÷ 60 = _____
1600 ÷ 1000 = _____	4 200 ÷ 70 = _____
1600 ÷ 500 = _____	4 200 ÷ 35 = _____

$13\overline{)265}$ R= $13\overline{)267}$ R= $13\overline{)270}$ R= $13\overline{)274}$ R=

9

Write a story problem in which you would use the division calculation. Then complete the division.

$$316 \div 4 =$$

$$905 \div 17 =$$

$24 \div 6 = 4$	$72 \div 9 = 8$	$54 \div 6 = 9$	$28 \div 4 = 7$
$48 \div 12 = 4$	$216 \div 27 = 8$	$108 \div 12 = 9$	$112 \div 16 = 7$

Do you see a pattern? Can you explain why you think the pattern works?

Make up your own examples using this pattern.

Use the pattern to do the calculations below.

$144 \div 12 = 12$ $416 \div 8 = 52$

$288 \div 24 = \underline{\qquad}$ $832 \div 16 = \underline{\qquad}$

$72 \div 6 = \underline{\qquad}$ $2\,496 \div 48 = \underline{\qquad}$

$216 \div 18 = \underline{\qquad}$ $4\,992 \div 96 = \underline{\qquad}$

Complete. Put a single digit in each box to make the calculations correct.

$$\begin{array}{r} \boxed{}\,\boxed{} \quad R=\boxed{} \\ 4\,)\,\overline{6\;2} \\ -\boxed{}\,0 \quad \boxed{}\,0 \\ \hline \boxed{}\,\boxed{} \\ -2\,\boxed{} \qquad \boxed{} \\ \hline \boxed{} \end{array}$$

$$\begin{array}{r} \boxed{}\,\boxed{} \quad R=\boxed{} \\ 7\,)\,\overline{1\;6\;\boxed{}} \\ -\boxed{}\,\boxed{}\,\boxed{} \quad \boxed{}\,0 \\ \hline \boxed{}\,\boxed{} \\ -\boxed{}\,\boxed{} \qquad 3 \\ \hline 4 \end{array}$$

Hector has a 270 page novel to read. How long will it take to read the book if he reads

       … 5 pages per day? _____

       … 10 pages per day? _____

       … 15 pages per day? _____

       … 20 pages per day? _____

Suppose Hector wants to finish the book in one week. How many pages should he plan to read each day? _____

Collette had six math tests this semester. She had an average score of 88 and her lowest score was 73. If the teacher ignores the lowest score, what would Collette's average test score be? _____
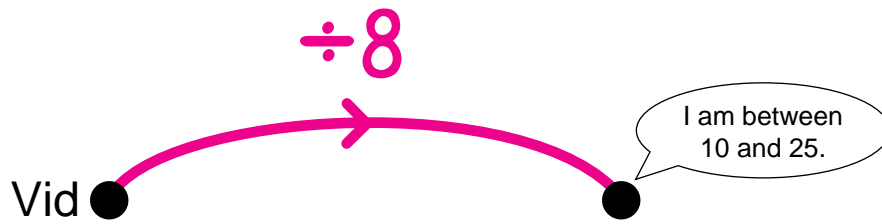
Divide.

$$24\overline{)4950}$$

$$38\overline{)3326}$$

$$27\overline{)9828}$$
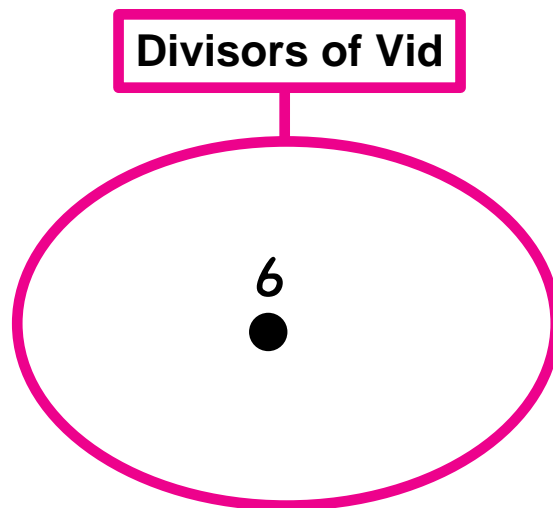
$$115\overline{)4005}$$

Vid is a secret number.

$\div 8$

Vid ●

I am between 10 and 25.

●

Vid could be _____.

Vid is a square number.

Vid could be _____, _____, _____, _____, _____, or _____.

Divisors of Vid

6
●

Who is Vid? _____

Vid has many other divisors. Put all of the positive divisors of Vid in the red string.

Complete. Put a single digit in each box to make the calculations correct.

□□ R=□

5) 1 1 7
− □ □ 0 | 2 0
‾‾‾‾‾‾‾‾‾
  □ □
− □ □ | □
‾‾‾‾‾‾‾‾‾
  2

_____

□ □ □ □ R=□

□) □ □ □ □
− 8 0 0 0 | 2 0 0 0
‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾
  1 2 □ 5
− □ □ 0 0 | 3 0 0
‾‾‾‾‾‾‾‾‾‾‾‾‾
    2 □
  − □ □ | □
‾‾‾‾‾‾‾‾‾‾‾
    1

16