14 | 13-A 12-B 11-C+ 10-C 9-D 8-F

21

Name: Key

Per:

MATH PRACTICE

Week 18

Due: Thursday, 1/31

6-52. At the school's fall bake sale, all of the pies were cut into 6 pieces, so each person who bought a piece bought $\frac{1}{6}$ of a pie. Each slice of pie sold for $1.00. How much money did the school make if all eleven pies were sold? (In other words, find 11 divided by $\frac{1}{6}$.)

$11 \div \frac{1}{6} \rightarrow \frac{11}{1} \times \frac{6}{1} = \frac{66}{1} = 66$

The school made $66.00 +1

= 66 slices
$66.00

6-60. Write 145% as a fraction and a decimal.

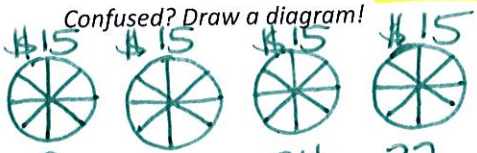
$\frac{145}{100}$ $\frac{145}{100}$

$1\frac{9}{20}$

$\frac{29}{20}$

+1 1.45

6-57. Ms. Perez is giving her class a pizza party because every student completed the school-wide book reading challenge. If an extra-large pizza costs $15 and serves 8 people, how much should Ms. Perez expect to pay for pizzas if her class has 28 students? *Confused? Draw a diagram!*



+1

$15 × 4 = $60

She should expect to pay $60.00

She needs 4 pizzas +1

6-77. Write a division number sentence that includes the quotient (answer) for each of the following:

a) How many fifths are there in a whole? $1 \div \frac{1}{5} = 5$ +1

b) How many thirds are there in $2\frac{1}{3}$? $2\frac{1}{3} \div \frac{1}{3} = 7$ +1

c) How many $\frac{2}{5}$ are there in 4? $4 \div \frac{2}{5} = 10$ +1

6-70. A rectangle has an area of $\frac{1}{6}$ square centimeters and a length of 1.5 centimeters. What is the width? What is the perimeter? (*Need an example? Problem 6-47 on page NB page 18)*

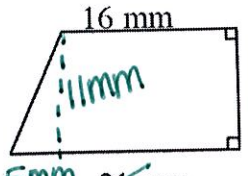
+2

$\frac{1}{6} \div 1.5 = \text{width}$

$\frac{1}{6} \div 1\frac{1}{2} = \frac{1}{6} \div \frac{3}{2}$

$\frac{1}{6} \times \frac{2}{3} = \frac{2}{18} = \frac{1}{9}$ cm width

6-71 What is the area? *(Hint: You can add a line to create a triangle and a rectangle)*



11mm

10 6

10 | 100 | 60 = 176

1 | 10 | 6 +1

16 × 11 = 176

Rectangle

Triangle

$\frac{1}{2} \times 11 \times 5 = \frac{1}{2} \times 55 =$

27.5 +1

2 | 55.0

4↓

15

+4

10

Total { 176.0 + 27.5 = 203.5

The total area is 203.5 mm². +1.