24

23-A 20-B 17-C 14-F
22-A 19-C+ 16-D+ 13-
21-B+ 18-C 15-D 12-

39

Name: Key

Per:

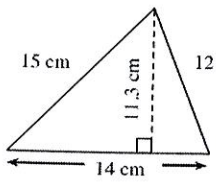
MATH PRACTICE

Week 21

Due: Thursday, 2/28

7-32 Find the **perimeter** and **area** of each triangle below.

a)



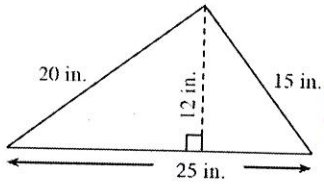
15
12
14
P
41 cm +1

$\frac{1}{2} \times 14 \times 11.3$

$7 \times 11.3 = 79.1\text{cm}^2$ A +2

11.3 × 7 = 79.1

b)



20
25
15
P
160 in +1

$\frac{1}{2} \times 25 \times 12$

25×6

$A = 150\text{in}^2$ +2

6 | 20 | 5
120 | 30

7-33. Arrange these numbers from greatest to least.

$\frac{1}{3}$, 3, 0.3, $3\frac{1}{2}$, 0.03

3.0 3.5

0.333 0.30

+2

+1 $3\frac{1}{2}, 3, \frac{1}{3}, 0.3, 0.03$ +1

7-44. Complete the following division problems using strategy.

a) How many one-thirds are in 3? A diagram is provided below for your reference.

1	2	3	4	5	6	7	8	9

9 +1

b) How many one-fourths are in 5? That is, what is $5 \div \frac{1}{4}$?

$5 \times 4 = 20$ +1

c) How many one-sixths are in 3?

$3 \div \frac{1}{6} = 18$ +1

d) How many one-fifths are in 6?

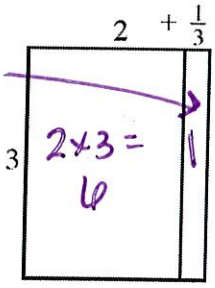
$6 \div \frac{1}{5} = 30$ +1

7-48. What is $2\frac{1}{3} \cdot 3$?

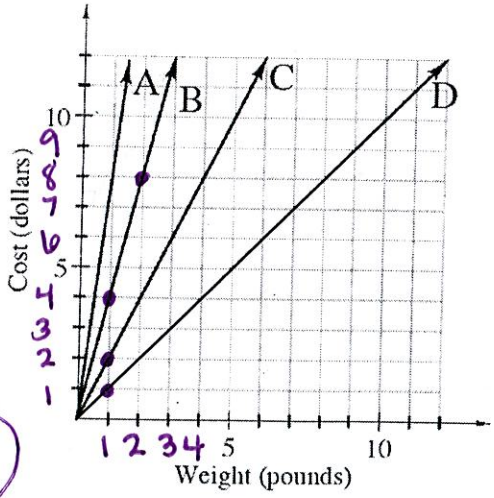
$3 \times \frac{1}{3} = \frac{3}{3} = 1$

$6 + 1 = 7$

7 +2



7-31. The graph shows the **rate** of strawberries at four different stores.



a) At which store are strawberries about $2 per pound?

Store C +1

b) What is the cost per pound (unit rate) of strawberries at store D?

$1 per pound +2

c) Which store has the most expensive strawberries? How can you tell just by looking at the lines on the graph?

+1 Store A because the line is the steepest. +1

d) Complete the t-chart for Store B below.

Weight (lbs.)	Cost ($)
1	$4 +1
2 +1	$8
5	$20
11	$44 +1

1	4
2	8
3	12
4	16
5	20

MANY solving strategies!

5 lb + 5 lb + 1 lb. = 11 lb.

$20 + $20 + $4 = $44

1 lb. × 11/11 = 11 lb.

$4 × 11/11 = $44