Review Worksheet #1

NAME_____

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Section 1 - Multiple Choice

1) Pablo has a picture that is $2\frac{3}{5}$ inches tall. He wants to enlarge the picture $3\frac{3}{4}$ times its original size. How tall will the new picture be?

(a) 6 inches

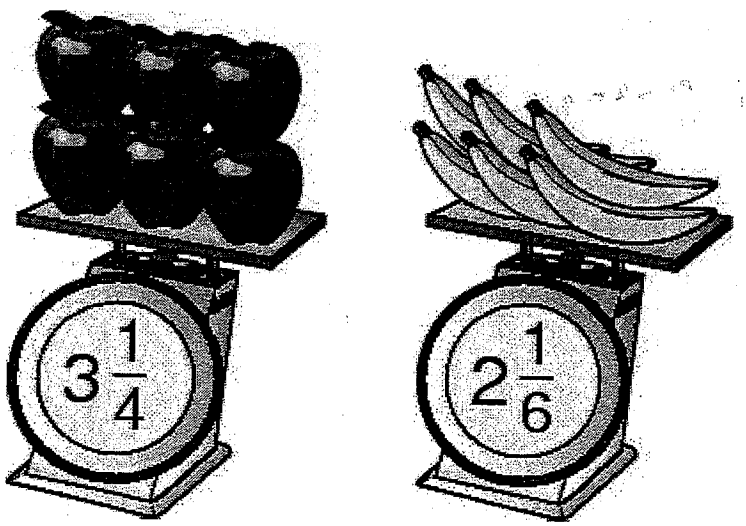
(b) $6\frac{9}{20}$ inches

(c) 9 inches

(d) $9\frac{3}{4}$ inches

For question 2

Bob bought ▪ pounds of apples. He also bought ▪ pounds of bananas.



2)

If apples cost $1\frac{1}{2}$ dollars for each pound, what is the total cost of apples?

(a) $3\frac{1}{8}$ dollars

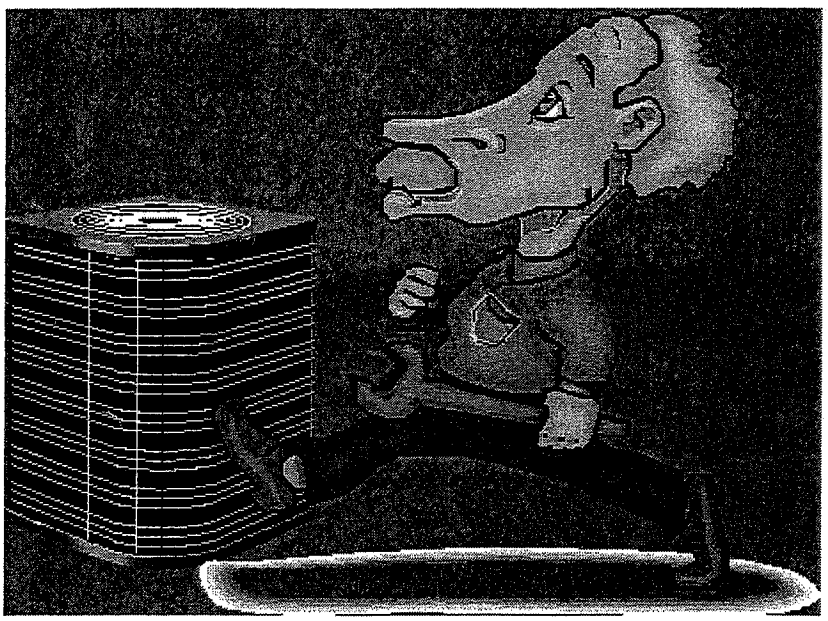
(b) $4\frac{1}{8}$ dollars

(c) $4\frac{7}{8}$ dollars

(d) $5\frac{7}{8}$ dollars

For question 3

The bill to fix the air conditioner came to $124.77. Two-thirds of the bill was for labor charges. The rest was for parts.



3)

How much do the parts cost?

(a) \$20.80
(b) \$41.59
(c) \$62.39
(d) \$83.18

4) Solve.

$\frac{1}{5} \times \frac{2}{7} =$

(a) $\frac{3}{12}$

(b) $\frac{1}{35}$

(c) $\frac{2}{35}$

(d) $\frac{2}{5}$

5) Divide and simplify to lowest terms.

$\frac{1}{7} \div \frac{3}{9} =$

(a) $\frac{1}{21}$

(b) $\frac{3}{7}$

(c) $2\frac{1}{13}$

(d) 21

6) Solve.

$\frac{3}{5} \div 15$

(a) $\frac{25}{1}$

(b) $\frac{1}{25}$

(c) $\frac{9}{1}$

(d) $\frac{1}{9}$

7) Divide.

$5\frac{3}{4} \div \frac{6}{7} =$

(a) $1\frac{23}{28}$

(b) $2\frac{15}{28}$

(c) $4\frac{13}{14}$

(d) $6\frac{17}{24}$

8) Myisha rode her bicycle for $1\frac{3}{4}$ hours. She traveled 12 miles per hour. How far did she travel?

(a) 36 miles
(b) 24 miles
(c) 21 miles
(d) 12 miles

9) Find the product.

$3\frac{3}{4} \times \frac{5}{8} =$

(a) 9

(b) $4\frac{4}{20}$

(c) $3\frac{15}{22}$

(d) $2\frac{11}{32}$

10) The high school drama club is making pirate costumes for the school's annual party. A piece of cloth $3\frac{1}{2}$ yards long is used to make eye patches for the costumes. Each eye patch uses $\frac{1}{6}$ yard of cloth. How many eye patches can the drama club make?

(a) $1\frac{1}{6}$

(b) 3

(c) $10\frac{1}{2}$

(d) 21

11) Luke and Angela have a garden shed that is $4\frac{5}{6}$ feet tall. They are going to make it $2\frac{1}{4}$ times taller than it is now. How tall will the shed be when they rebuild it?

(a) $6\frac{3}{5}$ feet

(b) $7\frac{1}{12}$ feet

(c) $8\frac{5}{24}$ feet

(d) $10\frac{7}{8}$ feet

12) Jorge has $24\frac{3}{4}$ feet of rope. He needs to cut it into pieces that are each $\frac{3}{4}$ foot long. How many pieces will he have?

(a) 12
(b) 18
(c) 24
(d) 33

13) Michael has $\frac{3}{4}$ of a cup of milk. This is $\frac{1}{3}$ of the amount he needs for the recipe. How much milk does he need?

(a) $\frac{4}{7}$

(b) $2\frac{1}{4}$

(c) $\frac{1}{4}$

(d) $\frac{3}{12}$

14) Which of the following is the same as dividing 7 by $\frac{2}{3}$?

(a) $\frac{2}{3} \div 7$

(b) $\frac{2}{3} \cdot 7$

(c) $\frac{1}{7} \div \frac{2}{3}$

(d) $7 \div \frac{2}{3}$

15) Amy ate $\frac{1}{3}$ of a bag of candy. She divided the remaining $\frac{2}{3}$ among her 4 friends. Which of the following represents how much of the bag of candy each friend got?

(a) $\frac{2}{3} \cdot 4$

(b) $4 \div \frac{2}{3}$

(c) $\frac{2}{3} \cdot \frac{1}{4}$

(d) $\frac{1}{4} \div \frac{2}{3}$

16) A bag of mixed nuts weighs $\frac{4}{5}$ of a pound. If $\frac{2}{3}$ of the nuts are peanuts, what is the weight of the peanuts in the bag?

(a) $\frac{3}{4}$ lb

(b) $\frac{2}{15}$ lb

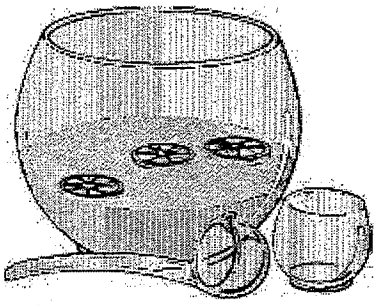
(c) $\frac{8}{15}$ lb

(d) $\frac{22}{15}$ lb

17) The tennis coach runs $\frac{1}{4}$ mile every day. She has run this distance for 28 days. After 1 month, she plans on increasing the distance to $\frac{1}{2}$ mile. How many miles has the tennis coach run during the first four weeks?

(a) 7
(b) 14
(c) 15
(d) 25

18) A recipe for fruit punch calls for $4\frac{1}{2}$ cups of orange juice, $2\frac{3}{4}$ cups of apple juice, and $3\frac{1}{4}$ cups of cranberry juice. How many cups of fruit punch will the recipe make?



(a) $10\frac{1}{2}$

(b) 10

(c) $9\frac{3}{4}$

(d) 9

19) Solve.

$2\frac{7}{8} \times 4\frac{1}{4} =$

(a) $8\frac{8}{12}$

(b) $8\frac{7}{32}$

(c) $12\frac{7}{32}$

(d) $12\frac{8}{12}$

20) Brian ran $46\frac{2}{3}$ miles over 7 days. How far did he run each day?

(a) $\frac{20}{21}$ miles

(b) $2\frac{2}{3}$ miles

(c) $6\frac{1}{3}$ miles

(d) $6\frac{2}{3}$ miles