

Clean copy

Name _____

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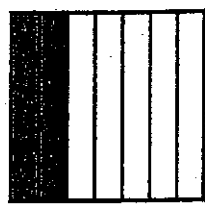
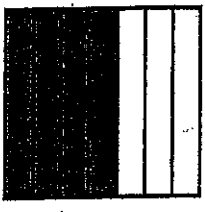
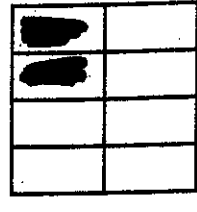
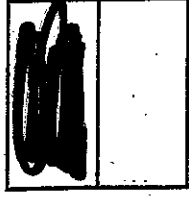
Fraction Review

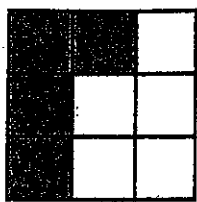
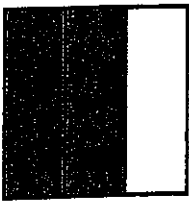
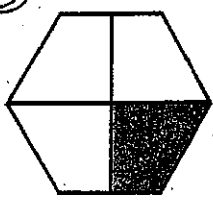
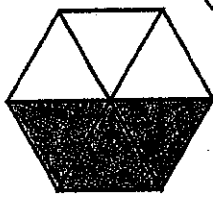
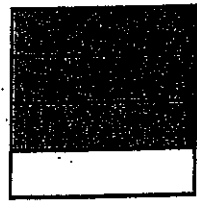
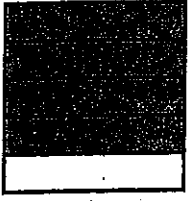
Objective 1.03

January, 2012







parent signs







A. Compare the fractions below. Write $<$, $>$ or $=$ in each box.

①   ②   ③  
 $\frac{3}{4}$ $\frac{1}{6}$ $\frac{2}{7}$ $\frac{4}{7}$ $\frac{2}{8}$ $\frac{1}{2}$

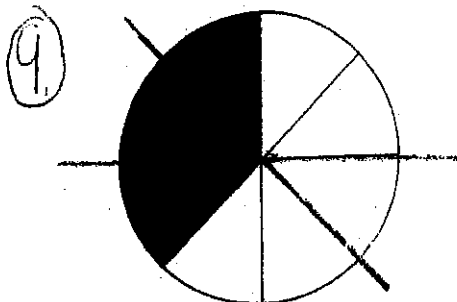
④   ⑤   ⑥  
 $\frac{4}{9}$ $\frac{2}{3}$ $\frac{1}{4}$ $\frac{3}{6}$ $\frac{3}{4}$ $\frac{4}{5}$

B. Equivalent Fractions: Circle every picture that has a shaded part equivalent to the given fraction.

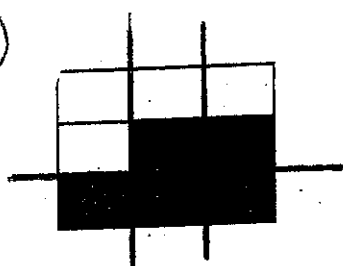
⑦ $\frac{1}{4}$ ①  ②  ③  ④  ⑤  ⑥ 

⑧ $\frac{2}{3}$ ①  ②  ③  ④  ⑤  ⑥ 

C. Write the correct answer. For 9-10, write a fraction
For the unshaded part.

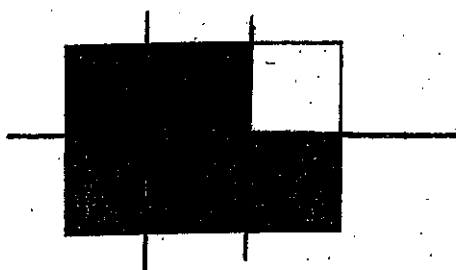


10.



← answer

For 11-12 use the figure below



11. What fraction of the figure is
NOT shaded?

12. What fraction of the figure is
Shaded?

D. For 13, 14, 15 write two equivalent fraction for each

13. $\frac{4}{5}$ _____

14. $\frac{7}{9}$ _____

15. $\frac{8}{12}$ _____

E. Simply the following improper fractions to a whole number of a mixed number. Show your work for each problem. ☺

16. $\frac{7}{2} =$

17. $\frac{27}{8} =$

18. $\frac{25}{5} =$

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F. Change the following mixed numbers to an improper fraction. Show your work ☺.

19. $5 \frac{5}{9} =$

20. $3 \frac{9}{10} =$

G. Fractional part of a number:

21. Mrs. Wellington had a box of pencils to divide among her wonderful 4th grade students. There are 76 pencils in the case and she gave out $\frac{1}{4}$ of the pencils. How many did she give out? _____ (show your work ☺.)

Hint: $\frac{1}{4}$ of 76 =

22. How many did she have left to use a later time?

Think ☺

23. Bangert's cafeteria had shipped in 400 oranges for Wednesday's lunch. They only used $\frac{1}{2}$ of the box. How many did they serve? _____

24. How many do they left to use for Thursday's lunch?

25. Madison and Emma bought a pizza for their slumber party. Madison ate $\frac{1}{4}$ of the pizza and Emma ate $\frac{3}{8}$ of the pizza. Who ate more pizza?

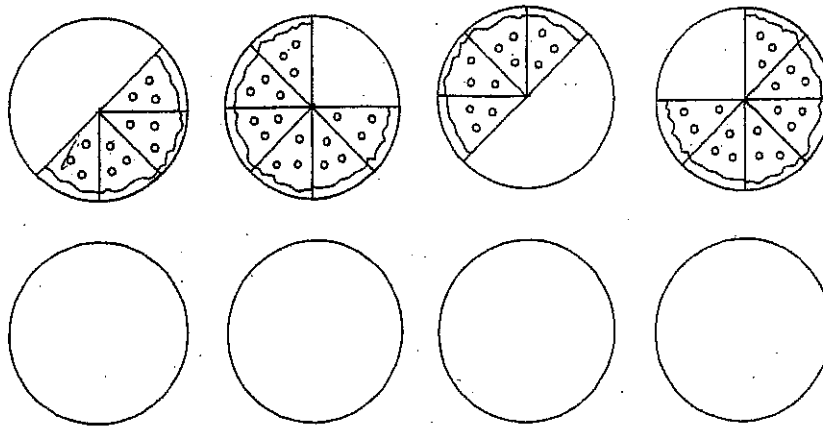
Hint: Remember you must find the same demoninator for each fraction-comparing fractions.

26. Anna, Briasia, and Sydney are making pasta salad. Anna want to add $\frac{3}{4}$ cup of broccoli, Briasia adds $\frac{1}{4}$ cup of chopped celery, and Sydney wants to add $\frac{2}{4}$ cup of carrots. List the amounts in order from least to greatest.



27

The soccer team ordered eight pizzas. The drawing shows the pizza left over.



How many pizzas were left over?

A $2\frac{1}{2}$

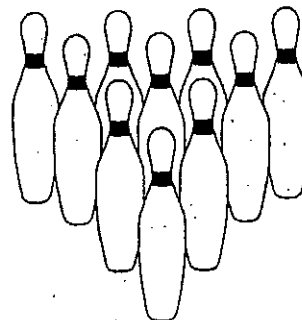
B $3\frac{1}{4}$

C $3\frac{3}{4}$

D $5\frac{1}{2}$

28

Willy went bowling with his family. The bowling pins were set up as shown.



If Willy knocked over $\frac{2}{5}$ of the pins, how many pins were left standing?

A 2

B 4

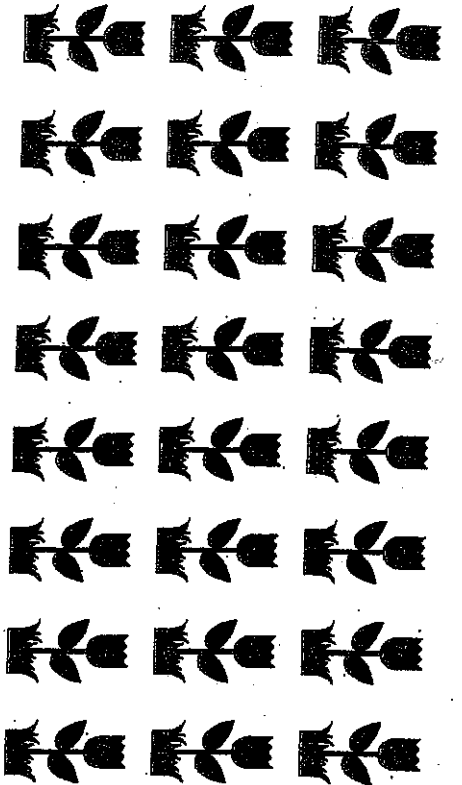
C 5

D 6

$$\begin{array}{r} 2^* \text{ of } 10 \\ \hline 5 \end{array}$$

29

Rachel
planted
24 pink and
purple
tulips



If $\frac{1}{3}$ of the tulips were pink, how many pink tulips were planted?

- A 3
- B 6
- C 8
- D 12

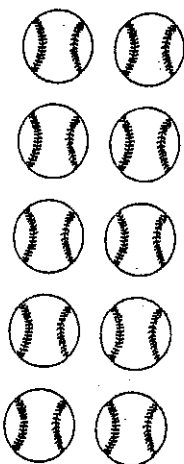
30

Which of the following is the *largest*?

- A $\frac{5}{3}$
- B $\frac{8}{9}$
- C $\frac{3}{2}$
- D $\frac{7}{4}$

31

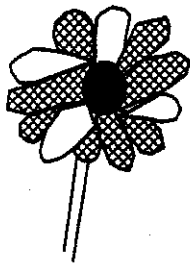
Three-tenths of Morgan's baseball collection has been signed by baseball players.



Which fraction shows the number of baseballs that are unsigned?

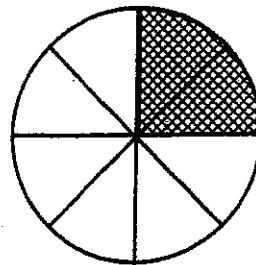
- A $\frac{3}{10}$, because three of the ten balls are unsigned
- B $\frac{3}{7}$, because three of the seven balls are unsigned
- C $\frac{7}{10}$, because seven of the ten balls are unsigned
- D $\frac{10}{7}$, because ten of the seven balls are unsigned

- 32 Which shaded fraction of the group of rabbits is equal to the shaded fraction of the flower petals?



- A
- B
- C
- D

- 33 Which shaded fraction of the balloons is equal to the shaded fraction of the pie?



- A
- B
- C
- D

In which of the following are the shaded squares and balls equivalent fractions?

- A
- B
- C
- D

H.

Add the following fractions. If the answer can be reduced, you need to reduce to the lowest term.

Find the sum.

(34) $\frac{3}{6} + \frac{1}{6} = \underline{\hspace{2cm}}$

(35) $\frac{1}{8} + \frac{6}{8} = \underline{\hspace{2cm}}$

(36) $\frac{3}{5} + \frac{4}{5} = \underline{\hspace{2cm}}$

(37) $\frac{5}{12} + \frac{2}{12} = \underline{\hspace{2cm}}$

(38) $\frac{6}{10} + \frac{7}{10} = \underline{\hspace{2cm}}$

(39) $\frac{3}{4} + \frac{2}{4} = \underline{\hspace{2cm}}$

(40)
$$\begin{array}{r} \frac{2}{5} \\ + \frac{1}{5} \\ \hline \end{array}$$

(41)
$$\begin{array}{r} \frac{5}{9} \\ + \frac{4}{9} \\ \hline \end{array}$$

(42)
$$\begin{array}{r} \frac{2}{11} \\ + \frac{4}{11} \\ \hline \end{array}$$

I.

Subtract the following fractions. Remember to reduce the answer if it is not at the lowest term.

Use fraction bars or draw a picture to find the difference.

(43) $\frac{3}{4} - \frac{2}{4} = \underline{\hspace{2cm}}$

(44) $\frac{4}{6} - \frac{3}{6} = \underline{\hspace{2cm}}$

(45) $\frac{7}{8} - \frac{3}{8} = \underline{\hspace{2cm}}$

(46) $\frac{5}{10} - \frac{3}{10} = \underline{\hspace{2cm}}$

(47) $\frac{3}{5} - \frac{1}{5} = \underline{\hspace{2cm}}$

(48) $\frac{6}{8} - \frac{2}{8} = \underline{\hspace{2cm}}$

(49) $\frac{10}{12} - \frac{5}{12} = \underline{\hspace{2cm}}$

(50) $\frac{7}{10} - \frac{3}{10} = \underline{\hspace{2cm}}$

(51) $\frac{5}{6} - \frac{1}{6} = \underline{\hspace{2cm}}$

Add and subtract the following Mixed Numbers.

Remember if the answer is an improper fraction, then you must change it to a whole number and a proper fraction.

~~These are BONUS Problems -
1 pt. for each correct answer.~~

$$\begin{array}{r} \textcircled{1} \quad 5\frac{4}{5} \\ + 1\frac{2}{5} \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 8\frac{6}{8} \\ - 3\frac{2}{8} \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 9\frac{8}{12} \\ + 6\frac{4}{12} \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 4\frac{5}{6} \\ - 3\frac{3}{6} \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 7\frac{8}{9} \\ - 6\frac{1}{9} \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 9\frac{9}{10} \\ + 5\frac{2}{10} \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 8\frac{2}{4} \\ + 6\frac{1}{4} \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 3\frac{10}{12} \\ - 1\frac{7}{12} \\ \hline \end{array}$$

~~8 possible points.~~

Think and proofread your paper. You have the ability, just take your time and THINK 😊.

~~There are 51 problems on this test. Each correct answers is worth 2 points.~~

