

HW 1-3

Date _____

*** Graded Homework.**

_____/12

Simplify each fraction (reduce to lowest terms).

1) $\frac{12}{28}$

A) $\frac{3}{7}$

B) $\frac{9}{21}$

C) $\frac{6}{14}$

2) $\frac{20}{24}$

A) $\frac{10}{12}$

B) $\frac{5}{6}$

C) $\frac{9}{16}$

3) $\frac{6}{12}$

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

B) $\frac{3}{6}$

C) $\frac{2}{4}$

4) $\frac{18}{72}$

A) $\frac{5}{20}$

B) $\frac{3}{12}$

C) $\frac{1}{4}$

Evaluate each expression.

5) $\frac{7}{8} - \frac{1}{5}$

A) $4\frac{269}{280}$

B) $\frac{27}{40}$

C) $2\frac{27}{40}$

6) $\frac{1}{2} + \frac{1}{3}$

A) $\frac{5}{6}$

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

C) $3\frac{13}{30}$

7) $3\frac{1}{2} + 1\frac{7}{8}$

A) $2\frac{3}{8}$

B) $5\frac{3}{8}$

C) $3\frac{7}{8}$

8) $1\frac{3}{5} - 1\frac{1}{3}$

A) $\frac{4}{15}$

B) $5\frac{1}{15}$

C) $\frac{73}{105}$

Evaluate each expression.

9) $2 \times \frac{1}{5}$

A) $2\frac{1}{5}$

B) $4\frac{9}{10}$

C) $\frac{2}{5}$

10) $2\frac{2}{3} \times \frac{1}{10}$

A) $3\frac{4}{15}$

B) $2\frac{23}{30}$

C) $\frac{4}{15}$

Evaluate each expression.

11) $2 \div \frac{1}{2}$

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

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

C) 4

12) $1 \div \frac{6}{5}$

A) $\frac{1}{3}$

B) $\frac{5}{6}$

C) $1\frac{1}{5}$



Power Up! Common Core Test Practice

23. You have a shelf that holds $25\frac{1}{2}$ pounds. How many $1\frac{1}{4}$ -pound books can the shelf hold? Explain your response.

24. Sort the expressions listed at the right into the appropriate bins.

USE the letters next to the expression.

Quotient Less Than 1	Quotient Equal to 1	Quotient Greater Than 1

A) $7\frac{2}{3} \div 5\frac{3}{8}$	$6\frac{2}{3} \div 6\frac{8}{12}$	(E)
B) $3\frac{2}{5} \div 6\frac{3}{4}$	$5\frac{1}{6} \div 4\frac{2}{5}$	(F)
C) $4\frac{1}{4} \div 4\frac{1}{4}$	$2\frac{1}{4} \div 2\frac{1}{2}$	(G)
D) $12\frac{4}{5} \div 8\frac{1}{4}$	$8\frac{3}{8} \div 8\frac{2}{9}$	(H)



Common Core Spiral Review

Multiply. Write in simplest form. 5.NF.4

25. $\frac{3}{4} \times 1 =$ _____

26. $\frac{3}{7} \times 2 =$ _____

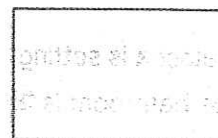
27. $\frac{1}{2} \times \frac{1}{2} =$ _____

28. $\frac{1}{2} \times \frac{1}{4} =$ _____

29. $\frac{2}{5} \times \frac{1}{4} =$ _____

30. $\frac{3}{4} \times \frac{2}{3} =$ _____

31. Anna is planting corn on her farm. What is the area of cornfield? 5.NF.6



$\frac{5}{6}$ mi