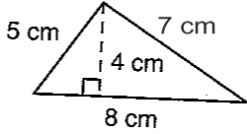


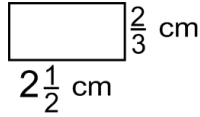
Math Concepts HW 12 2.23.15 Practice Quiz III

1) Work on MobyMax Fact Master for ten minutes, or until you reach 100% on the DIVISION Thermometer. There will be a ÷ facts quiz in class on Thursday 2.26.

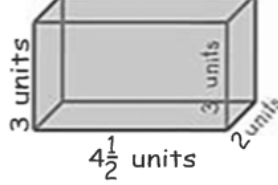
2) Find the area.



3) Find the area.



4) Find the volume.



5)

Mixed #	Improper
$3\frac{2}{7}$	
	$\frac{35}{8}$
$11\frac{1}{9}$	
	$\frac{51}{6}$

6)

Decimal	Fraction
0.45	
	$\frac{9}{100}$
0.019	
	$\frac{1}{5}$

Simplify each algebra expression. 7) $3j + j + 7 + 11j$

8) $9y + 11x + 10x - 5y$

9) $7(x - 6)$

Show how to solve each equation using the inverse operation. Show your Algebra steps!

10) $5m = 375$

11) $100 = 7k$

12) $y + 83 = 221$

13) $15 = \frac{x}{3}$

Evaluate when $x = 1\frac{1}{2}$, $y = 1\frac{3}{5}$ and $z = 2\frac{1}{4}$

14) yz

15) xy

16) $20z$

17) $y + x$

Evaluate when $x = 0.03$, $y = 0.4$ and $z = 0.12$

18) yz

19) xz

20) $12 - x$

21) $y + z$

22) Find half of $\frac{1}{12}$.

23) Find half of $3\frac{3}{4}$.

24) $(0.3)^2$

25) $(\frac{1}{2})^3$