

Math Concepts HW 8 4.14.15 SHOW Your Work!!

1) $\frac{7}{8} \cdot \frac{3}{4}$ 2) $\frac{2}{3} \div \frac{2}{9}$ 3) $\frac{5}{8} + \frac{3}{4}$ 4) $\frac{5}{8} \div \frac{3}{4}$

5) $20 \div \frac{4}{5}$ 6) $3\frac{1}{2} \cdot 1\frac{3}{7}$ 7) $2\frac{2}{3} - 1\frac{1}{2}$ 8) $1\frac{1}{2} \div 1\frac{1}{3}$

9) $(3.4)(0.81)$ 10) $0.38 \div 5$ 11) $1.1 \div 3$ 12) $0.004 \cdot 0.002$

13) 5% of 80 14) Find 45% of 900 15) Find 250% of 40

Simplify: 16) $3(m + n)$ 17) $4(7x + 3)$ 18) $x + x + y + 6x$

Solve – show your algebra: 19) $5x = 42$ 20) $y - 7 = -20$ 21) $\frac{n}{2} = 18$

22) Arrange from least to greatest: 0.4, 7%, $\frac{1}{4}$ 23) How many $\frac{1}{4}$ lb. servings in 40 lbs. of gruel?

Percent	Decimal	Fraction
15%		
	0.07	
		$\frac{3}{50}$
9%		
	0.4	
		$\frac{1}{5}$