

**MATH 7 ASSESSMENT FOR PLACEMENT INTO MATH 8/9 ACCELERATED  
PRACTICE TEST – NO CALCULATORS PERMITTED  
FOR THE ACTUAL TEST YOU WILL BE REQUIRED TO SHOW ALL YOUR WORK**

1) Reduce the fraction  $\frac{15}{50}$  to lowest terms.

2) Change 80% to a fraction.

3) 20% of 70 is what number?

4) Change  $\frac{16}{50}$  to a decimal.

5) Evaluate:

a)  $5.6 + 2.7$

b)  $0.09 + 0.68 + 0.45$

c)  $7.8 - 2.6$

d)  $7.35 - 5.18$

f)  $8.2 \times 3.15$

g)  $49.6 \div 8$

h)  $45 + (-8)$

i)  $-27 + 16$

j)  $-36 + (-28)$

k)  $-7 \times 12$

l)  $72 \div (-8)$

m)  $12 \div (10 - 6) \times 2$

n)  $(2 \times 5) - (3 \times 7)$

6) Evaluate  $2(8 - 3) + 9 \times 2$

7) Order the fractions from lowest to highest:  $\frac{3}{4}, \frac{7}{4}, 1\frac{1}{4}$

8) Kelly calls her grandma. Her grandma says it is  $-11^{\circ}C$  in Moose Jaw. Kelly says it is  $28^{\circ}$  warmer in White Rock. What is the temperature in White Rock?

9) Leo is shopping for bike accessories. He has \$50. He buys a helmet for \$24.56 and a lock for \$18.75. What change will he receive back?

10) If a phone cost \$250 and is on sale for 30% off, then what is the discounted price of the TV?

11) Solve:

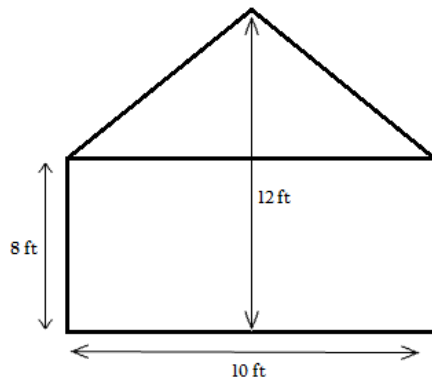
a)  $3x - 7 = 14$

b)  $4y + 8 = 24$

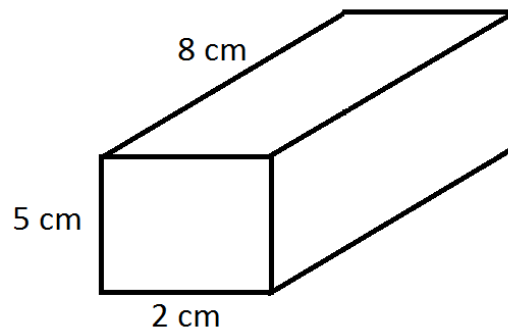
c)  $-12 = 4 - 2x$

d)  $\frac{1}{2}x - 15 = -7$

12) Determine the total area of the figure.



13) Find the volume



14) Suppose you roll 2 six sided die. What is the probability of rolling an even sum?