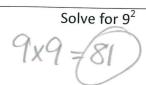
Part 1: I can find perfect squares and square roots using grids and numbers



Solve for 6^2 : $6 \times 6 + 36$

Part 2: I can estimate the square root of numbers that are not perfect squares

	Estimate for $\sqrt{41}$
V49 = 7 V36 = 6	141=6.5

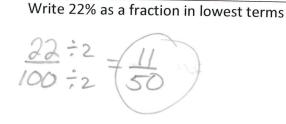
Estimate for
$$\sqrt{19}$$

$$\sqrt{25} = 5$$

$$\sqrt{16} = 4$$

$$\sqrt{19} \times 4.5$$

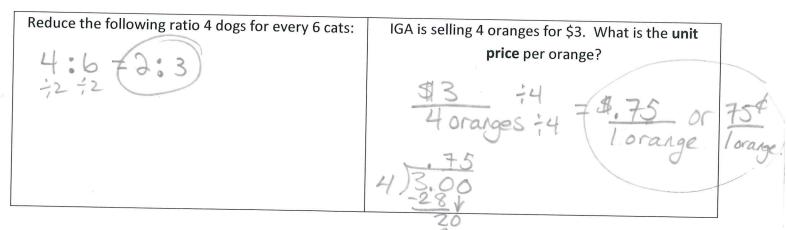
Part 3: I can demonstrate an understanding of percents greater than 0%



What is 40% of 120?

• 40 $\times 120 = 48$

Part 4: I can demonstrate an understanding of ratios and rates



Part 5: I can multiply and divide positive fractions and mixed numbers

$$\frac{1}{2} \times \frac{5}{4} = \frac{5}{8}$$

$$\frac{1}{2} \times \frac{5}{4} = \frac{5}{8}$$

$$\frac{2}{1} \times \frac{1}{4} = \frac{2}{2} \times \frac{1}{1} = \frac{20}{2} = \frac{10}{11}$$

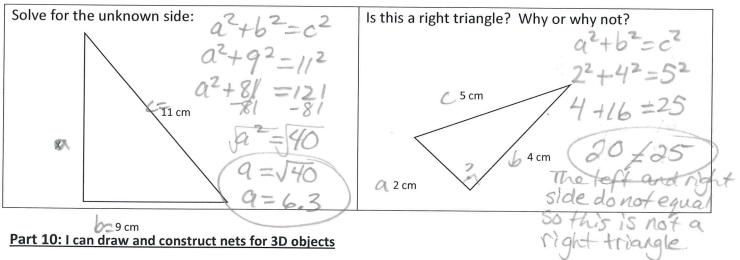
$$\frac{2}{3} \times \frac{1}{3} = \frac{28}{3} = \frac{3}{3} =$$

6: I can multiply and divide positive and negative integers using both tiles and numbers

Part 8: I can solve for X both pictorially using algebra tiles (or balances) as well as numerically

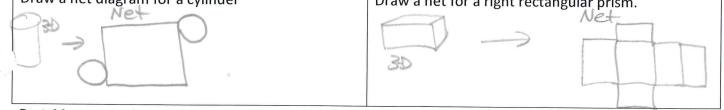
Using algebra tiles or balances, show how you would solve for X: 2x-1=19Using algebra tiles or balances, show how you Solve: 2(8x+1)=3Would solve for X: 4x-3=4

Part 9: I can use the Pythagorean Theorem to solve right triangle problems

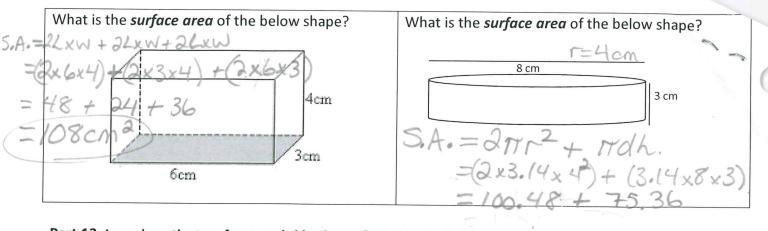


Draw a net diagram for a cylinder

Draw a net for a right rectangular prism.



Part 11: I can determine surface area for right rectangular prisms, right triangular prisms, and right cylinders



Part 13: I can draw the top, front, and side views of 3D objects of right prisms

Sketch the side view of a cylinder:	Sketch the top view of a right triangular prism:

Part 15: I can critique ways in which data is graphically and statistically presented

either one.

You have collected data on the length of your forearm (cm) and the height of your foot (cm). What is the best way to show this in graph format? Why?

- 1. pie chart
 - 2. line graph
 - 3. bar graph
 - 4. data table

Because:

Part 16: I can solve probability of independent events

You have a bag of 10 bingo chips. 4 are pink and 6 are blue. If you remove four bingo chips in a row, what is the probability that they are all pink?