Monday
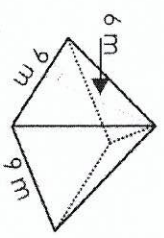
① There are 14 rates in a cage. There is a ratio of 3 white rats to 4 brown rats. How many white rats are in the cage?

② Solve.

$$\frac{4}{5} \div 2\frac{1}{4} =$$

③ Draw the net and find the surface area.

6 m
9 m
9 m
9 m

Tuesday

① Simplify. Show your work.

$$\frac{1}{2}(12x + 8) * 3^2 - 2x$$

② For every 4 hours of babysitting, Sam charges $30. If last month she earned $75, how many hours did she babysit?
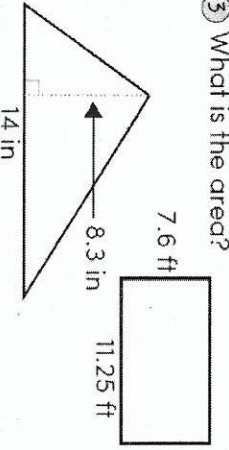
③ 75 is 150% of what?

part → ☐
whole → ☐ = ☐ ⟶ percent
          100 ⟶ percent

Wednesday

① Write an equivalent expression for each situation:

$x + x + x$ $4x + 8y$

$3(2x + 4y)$

② Use a tape diagram to solve the situation:
At a fruit stand, there is a total of 66 pieces of fruit. The ratio of apples to oranges is 4:7. How many apples are there?
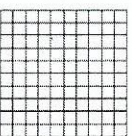
③ What is the area?

14 in
8.3 in

7.6 ft
11.25 ft

Thursday

①
Fraction: $\frac{3}{5}$

Decimal: _____

Ratio: _____   Percent: _____

② The farmers' market sells apples for $0.79 each. The grocery store sells 6 apples for $5.00. Which is the better buy?

③ Solve the inequality. Graph the solution on a number line. List the first three integer solutions. $y \geq \text{-}5$

_____, _____, _____

-10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10