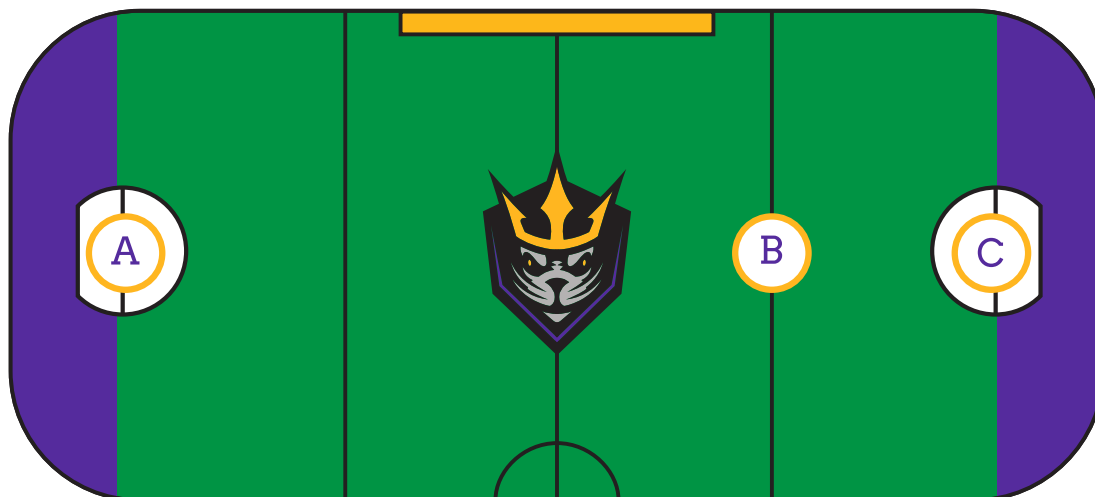




SOLVE THE MATH PROBLEMS



During a Seals game, goalie Frank Scigliano (at position A on the above field), passes the ball to Connor Fields (at position B).

1. Draw an area model to represent how far down the field Frank passed the ball. Use that model to write a fraction.

2. Can you find an equivalent fraction by decomposing the field area model into eighths? What is the equivalent fraction if you decompose the field into twelfths?

3. After Connor receives the pass, he shoots it into the goal (position C). How far does he have to shoot to score? Use your model above to write a fraction in fourths, eighths, and twelfths.



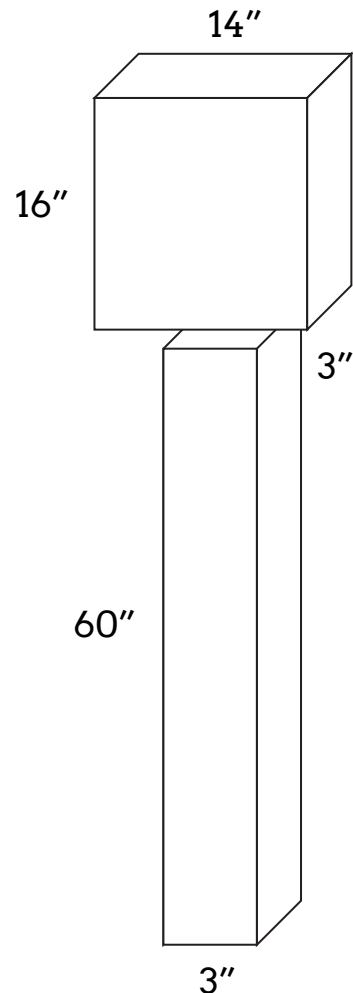
HELP THE SEALS FIND THE RIGHT SIZE, PT 1

The Seals want to mail a goalie stick to Frank for his birthday, but they had a hard time finding a box that will fit it! Instead, they found the two boxes below that they tape together to ship the stick.

When they get to the post office, the clerk asks them the total volume of the box.
Can you help them calculate it?

Volume: _____

Solution Strategy:





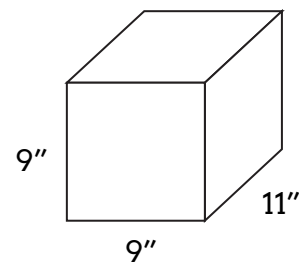
HELP THE SEALS FIND THE RIGHT SIZE, PT 2

The Seals placed an order for 9 helmets, which each come in boxes that are 9"x9"x11".

What is the volume of one helmet box?

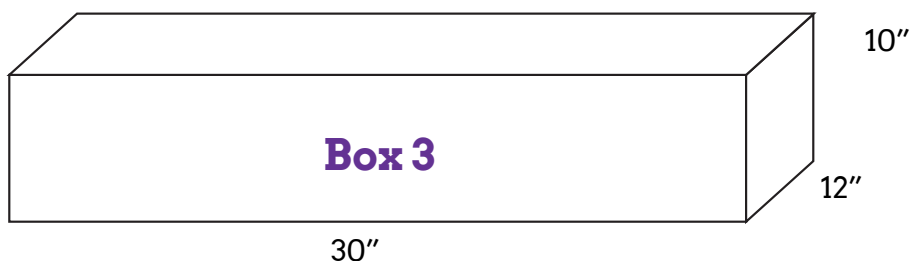
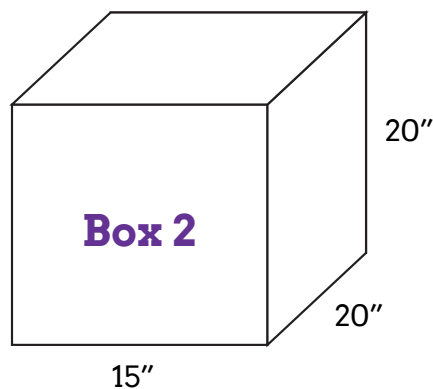
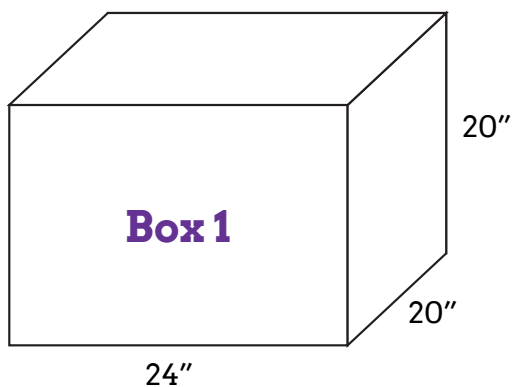
What would the total volume of the order be?

Single Helmet



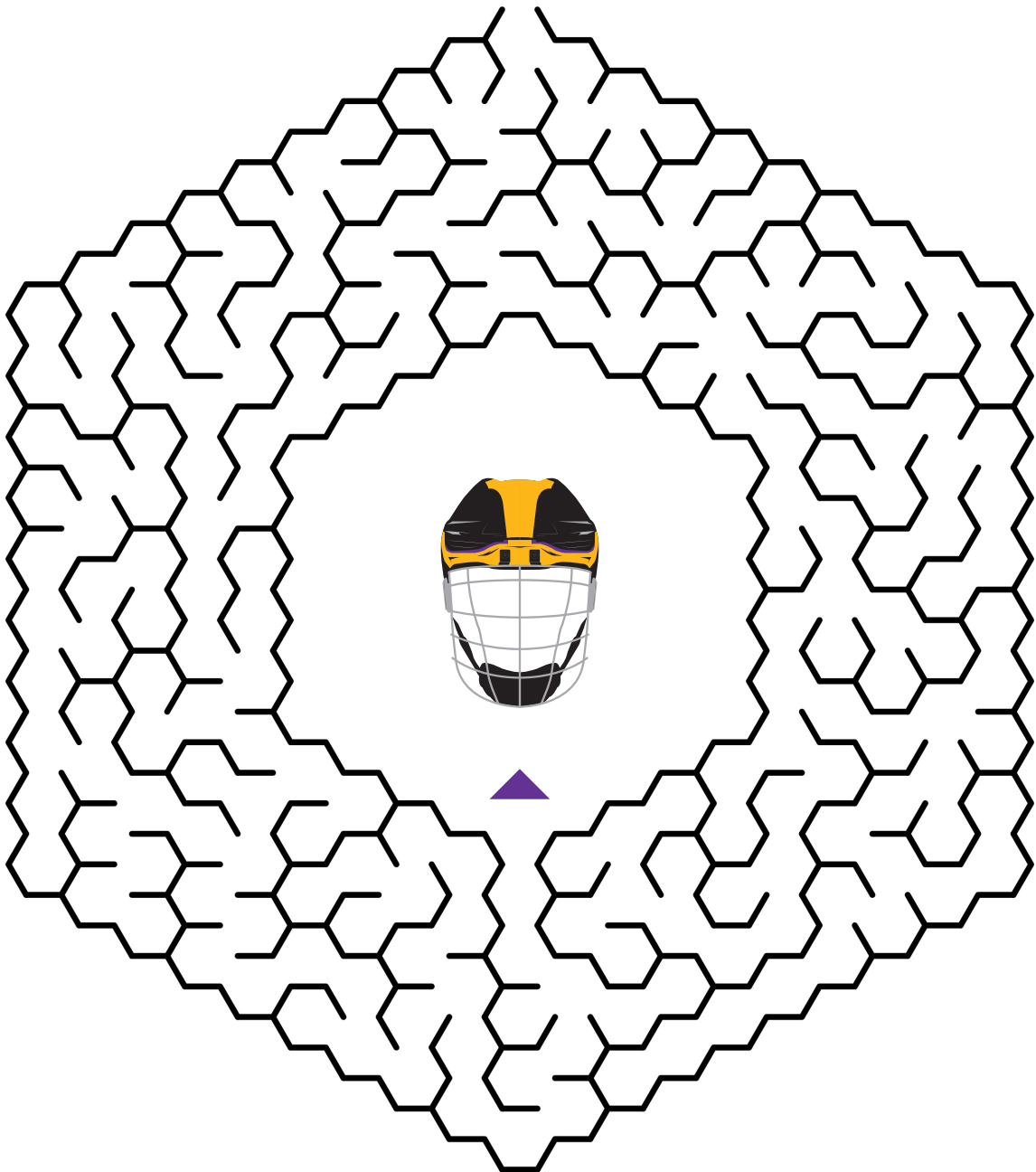
The order came in 3 separate boxes, each illustrated below. How many helmets could fit in each box?

Box 1 _____ Box 2 _____ Box 3 _____





HELP CASEY JACKSON FIND HIS HELMET





COLOR IN
AUSTIN STAATS



#83
AUSTIN
STAATS



CAN YOU FIND THE 5 DIFFERENCES?

Original





ANSWER KEY

SOLVE THE MATH PROBLEMS

1. $\frac{3}{4}$
2. $\frac{6}{8} = \frac{9}{12}$
3. $\frac{1}{4}$, $\frac{2}{8}$, $\frac{4}{12}$

HELP THE SEALS FIND THE RIGHT SIZE, PT 1

$$\text{Box 1} = 14 \times 16 \times 3 = 672 \text{ in}^3$$

$$\text{Box 2} = 60 \times 3 \times 3 = 540 \text{ in}^3$$

$$\text{Box 1} + \text{Box 2} = 1,212 \text{ in}^3$$

HELP THE SEALS FIND THE RIGHT SIZE, PT 2

1. $9 \times 9 \times 11 = 891 \text{ in}^3$
2. $891 \times 9 = 8,019 \text{ in}^3$
3. Box 1: 4 Helmets
Box 2: 2 Helmets
Box 3: 3 Helmets