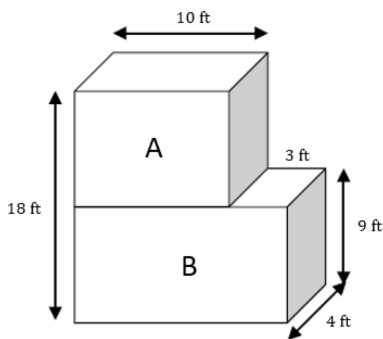**Q1:** Solve. Use paper to draw a model to explain your thinking. Enter your answer in the box.

$$\frac{5}{9} \times \frac{3}{4} = \boxed{}$$

Q2: Using the dimensions on the sculpture, find the dimensions of each rectangular prism. Then calculate the volume of each prism. Note: Image not drawn to scale.

a. Rectangular Prism A

   Height: $\boxed{}$ ft

   Length: 10 ft

   Width: $\boxed{}$ ft

   Volume: $\boxed{}$ ft^3

b. Rectangular Prism B

   Height: $\boxed{}$ ft

   Length: $\boxed{}$ ft

   Width: 4 ft

   Volume: $\boxed{}$ ft^3

c. The total volume of the sculpture is $\boxed{}$ cubic feet.

Q3: A recipe requires $\frac{3}{4}$ cups of milk. Paula is making $\frac{1}{2}$ of the recipe. How many cups of milk will Paula use? Use paper to show your work. Enter your answer in the box.

Paula will use [   ] cup(s) of milk.

Q4: Find the value of 0.7×0.08. Use paper to show your work. Select the two correct answers.

A	$\frac{56}{10}$
B	$\frac{56}{100}$
C	$\frac{56}{1,000}$
D	0.056
E	0.56
F	5.6

Q5: The table displays the amount of time, in minutes, Jordan rode his bike for five days. How many total hours did Jordan ride his bike in the five days?

Day	Time (minutes)
1	45
2	109
3	51
4	121
5	38

Jordan rode his bike [   ] total hours in the five days.

Q6: Find $\frac{3}{7}$ of $\frac{1}{5}$.

A $\frac{4}{12}$

B $\frac{3}{35}$

C $\frac{8}{35}$

D $\frac{22}{35}$

Q7: Without evaluating the expressions, drag a symbol to each box to make the number sentences true.

DRAG DROP VALUES

$=$

$>$

$<$

a. $\quad \frac{4}{5} \times \frac{7}{9} \quad \square \quad \frac{4}{5}$

b. $\quad \frac{4}{5} \times \frac{9}{7} \quad \square \quad \frac{4}{5}$

c. $\quad \frac{4}{5} \times \frac{7}{7} \quad \square \quad \frac{4}{5}$

Q8: Find the quotient of $2.6 \div 0.04.$

Part A

Select the pair of equations that can be used to find the quotient of $2.6 \div 0.04.$

A $\quad \dfrac{2.6}{0.04} \times \dfrac{100}{100} = \dfrac{260}{4}$

$\qquad \dfrac{2.6}{0.04} = \dfrac{260}{4}$

B $\quad \dfrac{2.6}{0.04} \times \dfrac{10}{100} = \dfrac{26}{4}$

$\qquad \dfrac{2.6}{0.04} = \dfrac{26}{4}$

C $\quad \dfrac{2.6}{0.04} \times \dfrac{100}{100} = \dfrac{260}{40}$

$\qquad \dfrac{2.6}{0.04} = \dfrac{260}{40}$

Part B

Use the drop-down list to complete the equation.

$2.6 \div 0.04 = \quad$ [a ▾]

a.
- ○ 0.65
- ○ 6.5
- ○ 65

Q9: Select the word problem and solution that can be represented by the expression $\frac{1}{2} \div 7$.

A Amber has 7 books to read. She will read $\frac{1}{2}$ of a book each day. How many days will it take Amber to read all 7 books?

It will take Amber 14 days to read all 7 books.

B Amber has read $\frac{1}{2}$ of her book. She will read an equal amount of the rest of her book each day for the next 7 days. What fraction of the total book will she read on each of the 7 days?

Amber will read $\frac{1}{14}$ of the total book on each of the 7 days.

C Amber has 7 days to read 2 books of the same length. She will read an equal amount of a book each day. What fraction of a book will she read each day?

Amber will read $\frac{2}{7}$ of a book each day.

Q10: Evaluate the expression shown.

$$18 \div \left(\frac{1}{2} - \frac{1}{3} \right)$$

The value of the expression is ⬚ .

Q11: Two expressions are shown. Without evaluating, identify the expression that has a greater value. Select from the drop-down lists to complete the statement. Explain your answer in the box.

Expression A	Expression B
$\left(3\frac{4}{7} - \frac{3}{5}\right) \times \frac{2}{3}$	$\frac{3}{2} \times \left(3\frac{4}{7} - \frac{3}{5}\right)$

[a ▼] has a greater value than [b ▼] .

a.
- ○ Expression A
- ○ Expression B

b.
- ○ Expression A
- ○ Expression B