1 Complete the function table.
Rule: $b = a - 25$

Input (a)	Output (b)
67	
11	
	−4
22	
99	

2 Simplify the expression.

$4d - d$

3 Solve for b.

$$\frac{4}{b} = \frac{8}{18}$$

4 What is the coefficient of n^2 in this expression?

$5 + 2m + 3n^2$

TUESDAY — Number Systems and Operations

1 Order these numbers from least to greatest.

1.01, 0.11, 1.10, 0.01

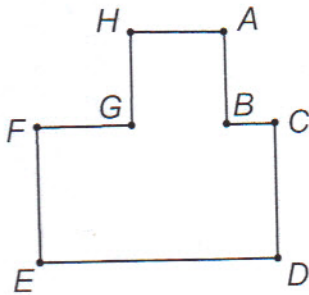**2** What is the least common multiple of 5 and 6?

3 Which is the warmer temperature?

−3° C or −8° C

4 $79.52 + 11.26 - 5.6 + 25.1 + 51 =$

5 Andrew is 25th in line. How many people are in front of him?

WEDNESDAY — Geometry

1 Find the perimeter and area of the polygon.

$\overline{AB}$ = 21 cm $\overline{BC}$ = 6 cm
$\overline{CD}$ = 37 cm $\overline{DE}$ = 41 cm
$\overline{EF}$ = 37 cm $\overline{FG}$ = 11 cm
$\overline{GH}$ = 21 cm $\overline{HA}$ = 24 cm

2 The perimeter of a rectangle is 42 m. The length is 9 m less than two times the width.

a) Find the length and width of the rectangle.
b) Find the area of the rectangle.

THURSDAY — Ratios and Measurement

1 Ethan bought 12 granola bars for $9.96. What is the price per bar?
Give your answer in dollars and cents.
Is your answer a ratio or a rate? Explain.
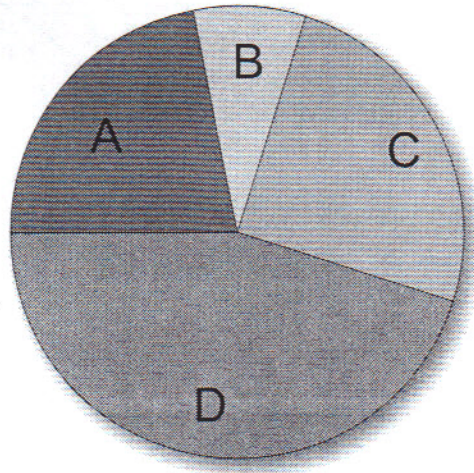
2 What is the ratio of ✳ to ✪?

✳ ✳ ★ ✪ ✳ ✳ ✳

3 How much time has elapsed between 22:05:00 and 1:25:15?

4 A 3-yard piece of cloth costs $22.30. What is the price per foot?
Round your answer to the nearest penny.

At Parker Public School, 80 out of 450 students were surveyed about their favorite season. This circle graph shows the results of the survey

Students' Favorite Season

A Spring   22%
B Autumn   8%
C Winter   25%
D Summer   45%

1 How many of the students surveyed like autumn best? _____

2 What fraction of the students surveyed like winter best? _____

3 What percent of the students surveyed prefer either spring or autumn? _____

4 How would you have chosen the 80 students that were surveyed to ensure that the sample was representative?

_____

_____

BRAIN STRETCH

The temperature at 12:00 a.m. was 2°F. It fell 2°F each hour until 3:00 a.m. What was the temperature at 3:00 a.m.?