

Grade 6 daily math review

NAME	DATE	SCORE / 6
------	------	-----------

DAY 1

Answer each question.

1 Ana measures the height of each bean plant in a garden with a ruler. Which unit could the data be recorded in? ☐ Centimetres ☐ Degrees Celsius ☐ Kilograms ☐ Seconds	2 A triangle has an area of 104 square centimetres. The base of the triangle is 16 centimetres. What is the perpendicular height, in centimetres, of the triangle?
3 A train goes 132 kilometres in 1.5 hours. What is the train's speed, in kilometres per hour?	4 Emma pours $\frac{1}{2}$ litre of juice equally into 7 cups. Which calculation finds how much juice, in litres, is in each cup? ☐ $\frac{1}{2} \div 7$ ☐ $7 \div \frac{1}{2}$ ☐ $7 - \frac{1}{2}$ ☐ $\frac{1}{2} \times 7$
5 $\frac{5}{9} + \frac{1}{2} = ?$ Give the answer in lowest terms.	6 Write "7 more than a number n".

Grade 6 daily math review

NAME	DATE	SCORE / 6
------	------	-----------

DAY 2

Answer each question.

7

Leo's bank balance is $-\$3$. What does that balance mean?

☐ Leo owes \$3

☐ Leo has \$3

9

The point (2, 5) is reflected across the y-axis. What are the coordinates of the image of the point?

11

60 is multiplied by $\frac{1}{4}$. Is the result greater than, less than, or the same as 60?

☐ Greater

☐ Less

☐ The same

8

These numbers are in order: 13, 13, 14, 18, 21, 22, 26, 26, 26, 30, 33, 33. What is the lower quartile of these numbers?

10

Write $2(7n + 8)$ without parentheses.

12

A rectangular prism is 3 m by 5 m by 2 m. What is the volume, in cubic metres, of the prism?

Grade 6 daily math review

NAME	DATE	SCORE / 6
------	------	-----------

DAY 3 Answer each question.

13

Write $9y + 7x + 1 + 3x$ with like terms collected.

15

The point $(-6, 1)$ is reflected across the y -axis. What are the coordinates of the image of the point?

17

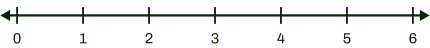
$0.499 = \frac{4}{10} + \frac{9}{100} + \square$

14

A library has 40 shelves, with about 60 books on each shelf. To the nearest power of ten, about how many books are in the library?

16

The double number line below shows cups of flour on the top line and cookies on the bottom line. How many cookies does point A show?



18

The rule is: multiply the input by 5, then add 3. Write the missing outputs in the table, in order:

Input: 1, 2, 6, 8, 9, 10

Output: 8, $\square$, $\square$, $\square$, $\square$, $\square$

Grade 6 daily math review

NAME	DATE	SCORE / 6
------	------	-----------

DAY 4 Answer each question.

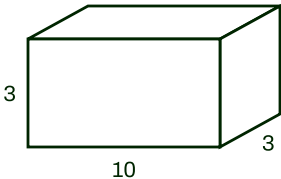
19

6³ = ?

20

Lengths on the prism below are in metres.

What is the surface area, in square metres, of the prism?



21

Four points are plotted on the number line below.

Write the letter of the point that shows −0.3.

A horizontal number line is shown with arrows at both ends. It is marked with integers from -2 to 1. There are tick marks for every integer and half-integer. Four points are plotted and labeled: A is at -1.5, B is at -1, C is at -0.5, and D is at 0.

22

What is the mean (average) of 3, 4, 10, 11?

23

Write the next two numbers in this pattern.

1, 4, 16, 64, ☐, ☐

24

Do 0.805 and 0.85 name the same number, and why?

☐ No. 85 hundredths is more than 805 thousandths.

☐ No. 0.805 is larger, because it has more digits.

☐ Yes. 85 hundredths is the same as 850 thousandths.

☐ Yes. A zero does not change the value of a number.

G

NAME	DATE	SCORE / 6
------	------	-----------

DAY 5

- 25** Each bag holds $\frac{1}{3}$ kilogram of nuts. Which calculation finds how many kilograms of nuts 4 bags hold?

$$\bigcirc \frac{1}{3} \div 4 \quad \bigcirc 4 \times \frac{1}{3} \quad \bigcirc 4 + \frac{1}{3} \quad \bigcirc 4 \div \frac{1}{3}$$

- 27 What is the distance, in units, between the points (1, 5) and (9, 5) on a coordinate plane?

- 29 A rectangular board is 4 m long and $1\frac{1}{2}$ m wide. What is the area, in square metres, of the board?

- 26** Which is the best estimate of 5% of 399?
- ☐ 300 ☐ 2 ☐ 20 ☐ 80

- 28 Write $9(9x + 9)$ without parentheses.

- 30** On a chance scale from 0 to 1, an event is at $\frac{1}{2}$. Which words describe the event?
- ☐ Impossible ☐ Even chance ☐ Certain

Grade 6 daily math review

1 Centimetres	2 13	3 88
4 $\frac{1}{2} \div 7$	5 $\frac{19}{18}$	6 $n+7$
7 Leo owes \$3	8 16	9 $(-2, 5)$
10 $14n + 16$	11 Less	12 30
13 $10x+9y+1$	14 10^3	15 $(6, 1)$
16 10	17 $\frac{9}{1000}$	18 13, 33, 43, 48, 53
19 216	20 138	21 C
22 7	23 256, 1024	24 No. 85 hundredths is more than 805 thousandths.
25 $4 \times \frac{1}{3}$	26 20	27 8
28 $81x + 81$	29 6	30 Even chance