Grade 5 daily math review

NAME	DATE	SCORE / 6

DAY 1 Answer each question.

1 Leo wants to time a friend running 100 metres. Which is the best way to measure?

- ◯ A clock, to the nearest minute
- ◯ A clock, to the nearest hour
- ◯ A stopwatch, to the nearest tenth of a second
- ◯ A measuring tape, to the nearest metre

2 Which symbol goes in the box to make this true: 1.65 ☐ 1.065?

◯ < ◯ > ◯ =

3 70 is multiplied by 2. Is the result greater than, less than, or the same as 70?

◯ Greater ◯ Less ◯ The same

4 7 + 5 × 4 = ?

5 The first number in a pattern is 3. The rule is: multiply by 2, then subtract 2, each time. Write the first six numbers in the pattern.

6 Write the quotient and remainder: 2,319 ÷ 8

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DAY 2 Answer each question.

7 Use numbers that divide easily to estimate 2,173 ÷ 3. Which is the best estimate?

◯ 800 ◯ 7,000 ◯ 70 ◯ 700

8 A rectangular tile is 3.8 m long and 2.3 m wide. What is the area, in square metres, of the tile?

9 Write "8 times a number n".

10 A classroom is about 10 metres long. A road between two towns is about 20,000 metres long. To the nearest power of ten, the road is about how many times as long as the classroom?

◯ 10 ◯ 100 ◯ 1,000 ◯ 10,000

11 Look at the bars below. How many times as many marbles does Maya have as Leo?

Leo

Maya

each box is 3 marbles

12 Ivy had some stickers. Then Ivy got 20 more stickers and now has 67 stickers. Let n be the number of stickers Ivy had at first. You do not need to find n. Write an equation with n that matches the story.

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DAY 3 Answer each question.

13 60 is multiplied by $\frac{1}{2}$. Is the result greater than, less than, or the same as 60?

◯ Greater ◯ Less ◯ The same

14 Ben says, "Every rhombus is a rectangle." Is Ben right, and why?

◯ No: a rhombus does not always have four right angles

◯ Yes: a rhombus can have four right angles

◯ Yes: a rhombus has two pairs of parallel sides, like a rectangle

◯ No: a rhombus never has four right angles

15 784.98 ÷ 100 = ?

16 The rule is: multiply the input by 7, then add 2. Write the missing outputs in the table, in order:

Input: 1, 2, 3, 5, 8, 11

Output: 9, ☒, ☒, ☒, ☒, ☒

17 n is 4 times as many as 24. Write a multiplication equation with n that matches the statement.

18 $9\ \frac{1}{9} - 4\ \frac{8}{9}$ = ? Give the answer as a mixed number.

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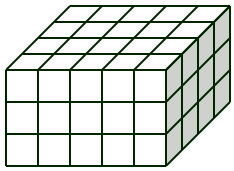
DAY 4 Answer each question.

19 The solid below is built from unit cubes with no gaps. What is the volume, in cubic units, of the solid?



20 159 × 57 = ?

21 Cleo says, "Every square is a parallelogram." Is Cleo right, and why?

- ◯ Yes: a square has four sides
- ◯ No: a parallelogram must have slanted sides and no right angles
- ◯ No: a square has four right angles, so it is not a parallelogram
- ◯ Yes: a square has two pairs of parallel sides

22 The list shows each child's height, in cm: 123, 125, 135, 145, 121, 123, 142. What is the median height, in cm?

◯ 133 ◯ 131 ◯ 125 ◯ 145

23 Write $\frac{7}{10}$ and $\frac{5}{6}$ over the same denominator. Which fraction is larger, or are the fractions equal?

- ◯ $\frac{7}{10}$ is larger, because 7 is more than 5
- ◯ $\frac{21}{30}$ and $\frac{25}{30}$, so $\frac{5}{6}$ is larger
- ◯ $\frac{7}{30}$ and $\frac{5}{30}$, so $\frac{7}{10}$ is larger
- ◯ $\frac{27}{30}$ and $\frac{29}{30}$, so $\frac{5}{6}$ is larger

24 Is 29 prime or composite, and why?

- ◯ Composite: 9 is a factor
- ◯ Prime: only 1 and 29 are factors
- ◯ Composite: 2 is a factor
- ◯ Composite: 3 is a factor

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DAY 5 Answer each question.

25 Use the sum of the digits. Which of 3 and 9 divide 5,544 with no remainder?

◯ 3 and 9 ◯ 3 only ◯ 9 only ◯ Neither

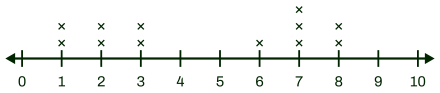
26 30 is multiplied by 4. Is the result greater than, less than, or the same as 30?

◯ Greater ◯ Less ◯ The same

27 The bottom layer of a box holds 24 unit cubes. The box holds 6 layers of the same size. What is the volume, in cubic units, of the box?

28 Write four tenths as a decimal.

29 The line plot shows how many pets each child has. What is the range of these numbers?



30 Write $\frac{77}{12}$ as a mixed number. Give the fraction part in lowest terms.

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1	A stopwatch, to the nearest tenth of a second	2	>	3	Greater
4	27	5	3, 4, 6, 10, 18, 34	6	289 r7
7	700	8	8.74	9	8n
10	1,000	11	2	12	n + 20 = 67
13	Less	14	No: a rhombus does not always have four right angles	15	7.8498
16	16, 23, 37, 58, 79	17	n = 4 × 24	18	$4\ \frac{2}{9}$
19	60	20	9063	21	Yes: a square has two pairs of parallel sides
22	125	23	$\frac{21}{30}$ and $\frac{25}{30}$, so $\frac{5}{6}$ is larger	24	Prime: only 1 and 29 are factors
25	3 and 9	26	Greater	27	144
28	0.4	29	7	30	$6\ \frac{5}{12}$