

GRADE 4
Mathematics

Administered May 2021

RELEASED

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1

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4

□ G 0

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(2)

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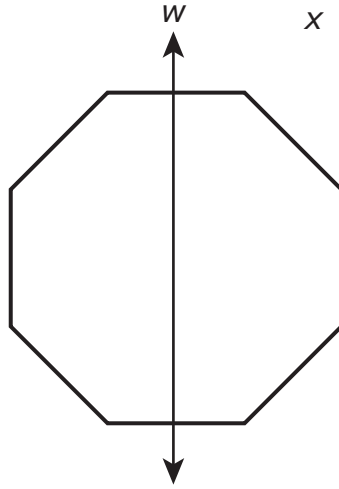


MATHEMATICS

DIRECTIONS

Read each question carefully. For a multiple-choice question, determine the best answer to the question from the four answer choices provided. For a griddable question, determine the best answer to the question. Then fill in the answer on your answer document.

- 1 The figure shows a regular octagon. The line segment W is a line of symmetry.



2. The metric system was developed by scientists in the late 1700s. It is based on the meter and the kilogram. The metric system is used in most countries in the world. It is also used in the United States for many scientific and medical purposes.

F - + - + - + - = -

G - + - = -

H - + - = -

J + + - + - = -

3. The metric system is used in most countries in the world. It is based on the meter and the kilogram. The metric system is used in the United States for many scientific and medical purposes.

$$(\times \dots) + (\times \dots)$$

What is this metric unit called?

A

B

C

D



6. hoch, im e, e is, t, cate\$

11 A general election is held every 5 years. The total number of votes is 10 million. The number of votes for each party is given in the table below.

A $\frac{1}{5} = 0.2$

B $\frac{1}{10} = 0.1$

C $\frac{1}{20} = 0.05$

D $\frac{1}{25} = 0.04$

12 a has a mass of 2 kg. The total mass of the objects is 10 kg.

13 The ist sh s the le gths i de timete s s me t ats. The le gth h e t at is misbi g.



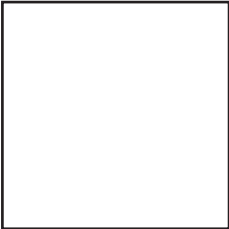
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14 The 10th a



19 The e a e ase a ca s that i e s te j t ags. Each ag h s
ase a ca s.

H m ags a e e e a the ase a ca s

A .

B . .

C

D 7 .

20 The m e is shaf e t e e s t a is

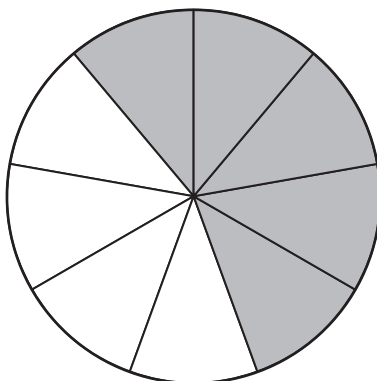
23 A chest has 500 marbles. The probability of drawing a red marble is $\frac{1}{5}$. What is the total number of marbles?

- A 100
- B 250
- C 500
- D 750

24 A number is written as 3.456×10^7 .

The digit in the hundredths place is a

25 The shaded sectors of the circle represent the cumulative activity of a small group that are appropriate, adequate, or the least



that activity, the least appropriate

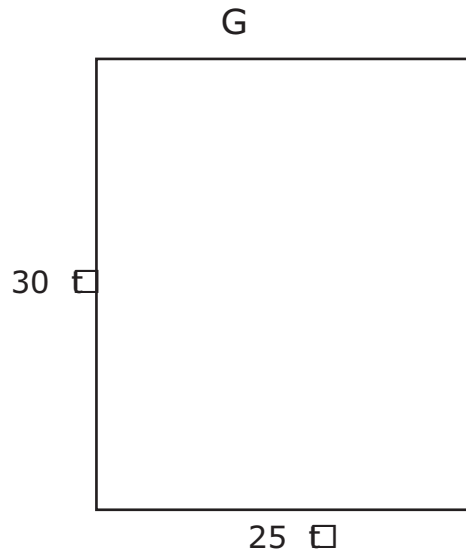
A —

B —

C —

D —

26 Ha is has a ecta g a ga e hi his ac a . The time si s a e sh bi
eet.



28 This chart shows the commission rates.

	— < —
	— < —
	— < —
	— < —

Which of these commission rates is the highest?

F

G

H

J

29 A car is bought for \$10,000. It is sold for \$12,000. The commission is \$1,000.

The car is bought for \$10,000. It is sold for \$12,000. The commission is \$1,000.

The car is bought for \$10,000. It is sold for \$12,000. The commission is \$1,000.

What is the total amount of commission that the car dealer receives?

A

B

C

D

30 Path the a ase a 7 mete s_ hich acti_ is e 7 a_ t t 7

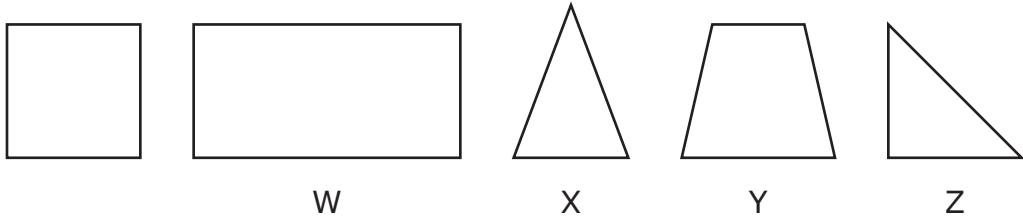
F $\frac{7}{\dots}$

G $\frac{\dots}{7}$

H $\frac{7}{\dots}$

J $\frac{\dots}{7}$

33 A g \square ig \square es is sh \square , -



hich ist sh \square s a the ig \square es \square the g \square that a \square ea t ha e at east \square e ight \square g e

- A ig \square es T \square \$ \square \square
- B ig \square es T \square \$ - \square \square
- C ig \square es T \square \$ - \square \square
- D ig \square es \square \$ - \square \square

34 The ta e sh \square s a e at \square shi et e \square \square \square \square m e s \square \$ \square \square \square m e s \square \square m e Mach \square e

\square \square	\square \square

hich \square e d \square e \square s e t \square \square the \square \square \square m e he the \square \square \square m e is gi \square

- F -
- G \times
- H \times
- J +

B	Y	Y	N W
	N	N W	N .



**STAAR
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