

5/22/17 CCM6 and CCM6+ and CCM6+7+

Check last EOG section...remember there's a QUIZ Wed straight from packet.

Self-guided review for EOG...today focus on A2 then C then D.

HW: study for QUIZ Wed and EOG Tues
Not 6+7+

$$6 \quad 28 - 33 \quad 45 - 50$$

(33) (46) (49)

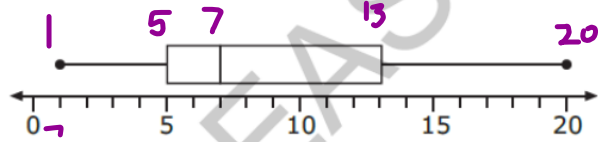
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Question	Answer
28	B
29	A
*30	A
31	A
45	C
46	C
*47	B
*48	B

SP

Question	Answer
6	A
32	C
33	D
49	D
50	B

- 6 Which choice shows a set of data that could be represented by the box plot shown below?



- A 1, 3, 5, 6, 7, 7, 8, 13, 19, 20
 B 1, 3, 5, 6, 6, 8, 13, 14, 19, 20
 C 1, 2, 3, 5, 7, 8, 8, 13, 19, 20
 D 1, 5, 5, 6, 6, 6, 8, 13, 19, 20

GRADE 6 MATHEMATICS—RELEASED FORM



28 The shaded area indicates the parking lot at a shopping center.



What is the total area of the parking lot?

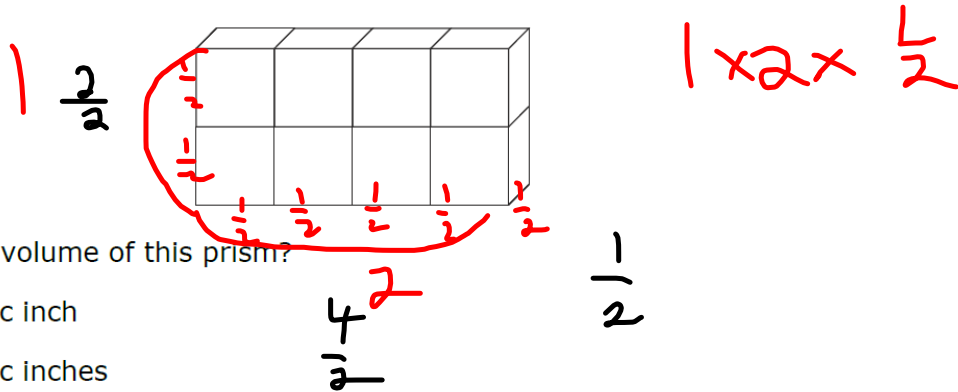
- A 72 units²
- B 86 units²
- C 91 units²
- D 120 units²

RELEASED

GRADE 6 MATHEMATICS—RELEASED FORM



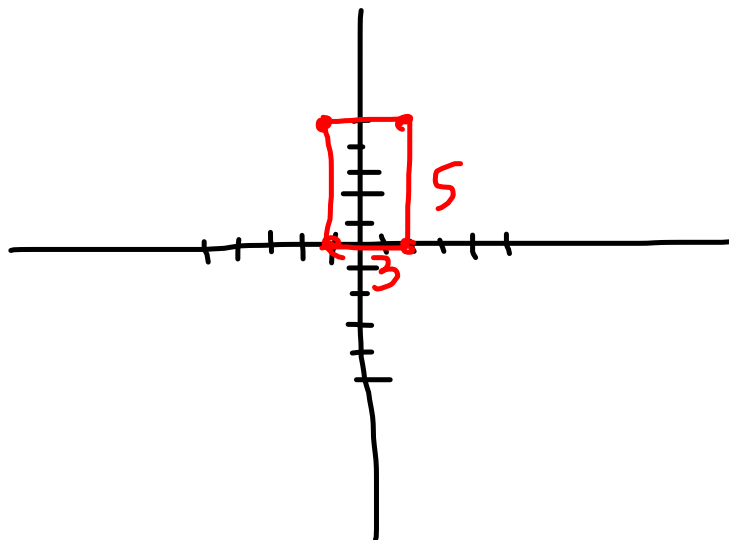
- 29 The right rectangular prism below is made up of 8 cubes. Each cube has an edge length of $\frac{1}{2}$ inch.



What is the volume of this prism?

- A 1 cubic inch
 - B 2 cubic inches
 - C 4 cubic inches
 - D 8 cubic inches
- 30 What is the area of the quadrilateral with vertices at $(-1, 0)$, $(2, 0)$, $(2, 5)$, and $(-1, 5)$?

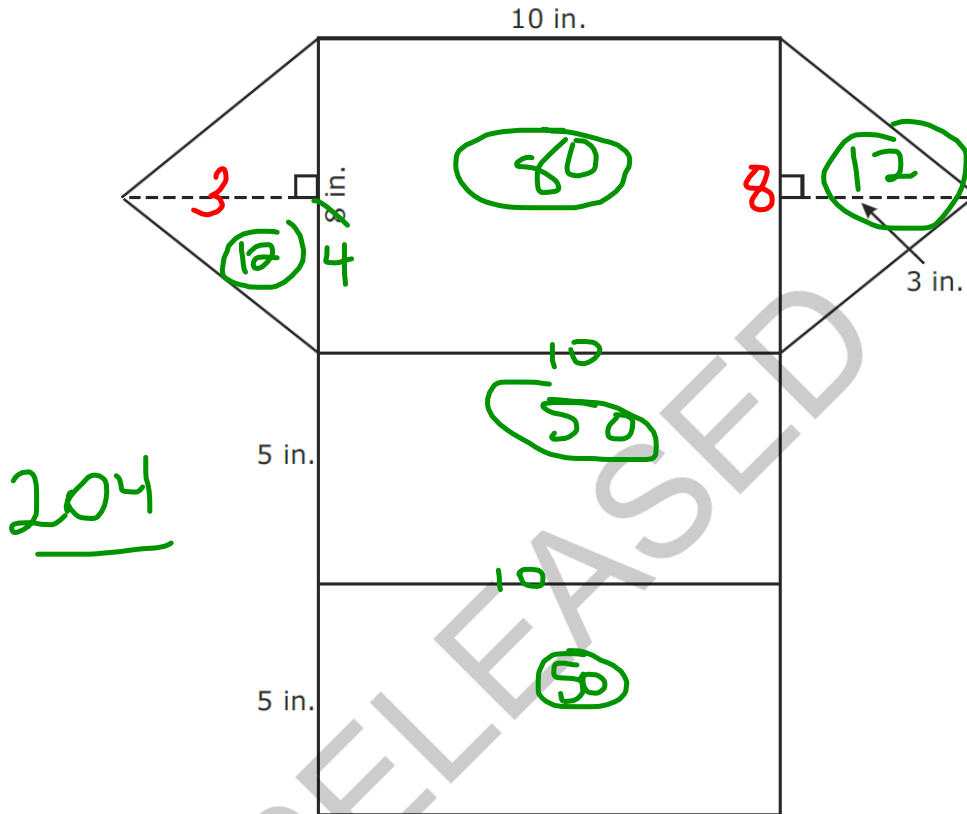
- A 15 square units
- B 12 square units
- C 10 square units
- D 5 square units



GRADE 6 MATHEMATICS—RELEASED FORM



31 The net of a triangular right prism is shown below.



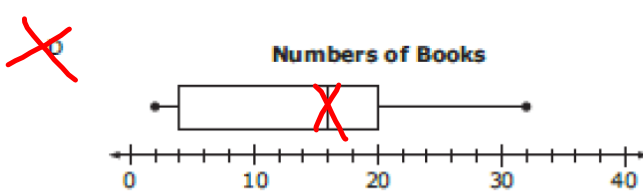
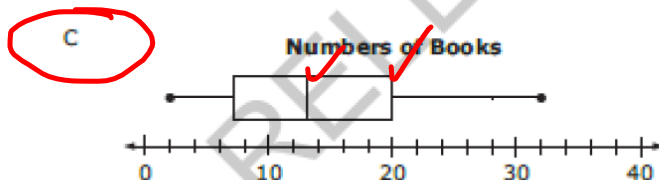
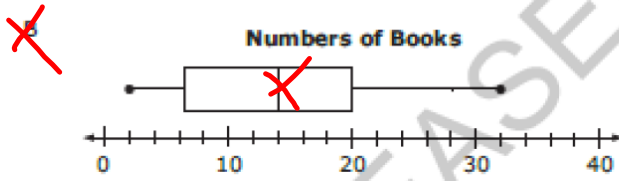
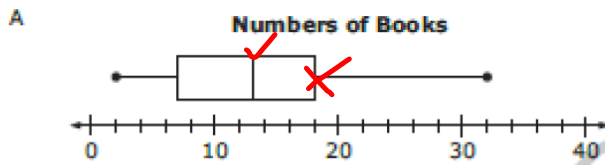
What is the surface area of the prism?

- A 204 in.²
- B 228 in.²
- C 240 in.²
- D 288 in.²

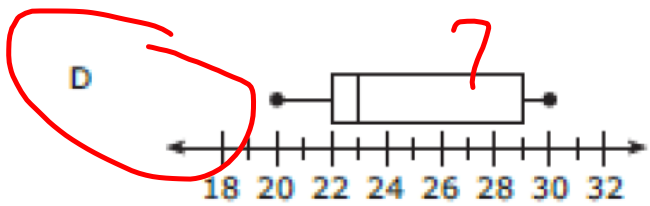
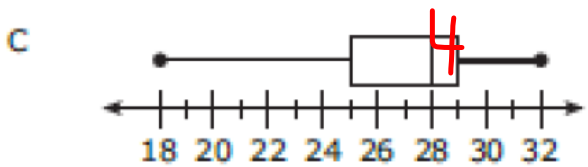
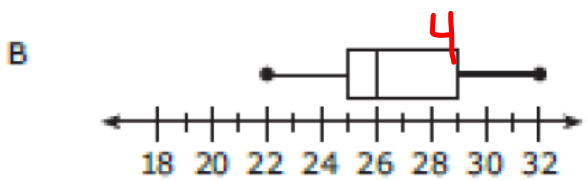
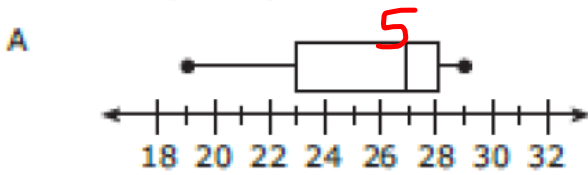
32 The data below represents the numbers of books that twelve students read.

2, 4, 7, 8, 9, 12, 14, 18, 19, 21, 30, 32

Which box plot correctly summarizes the data?



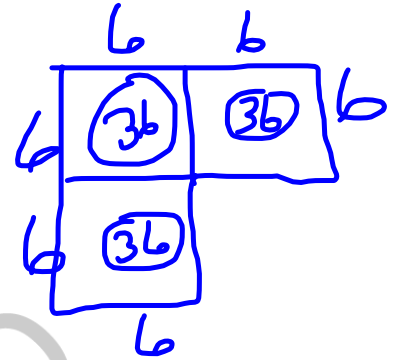
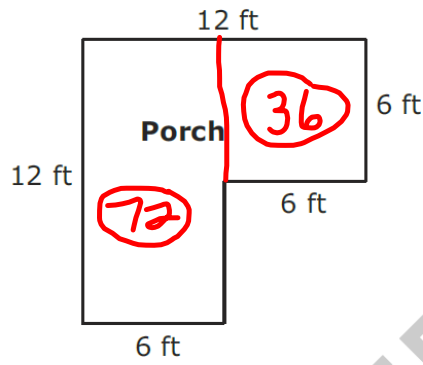
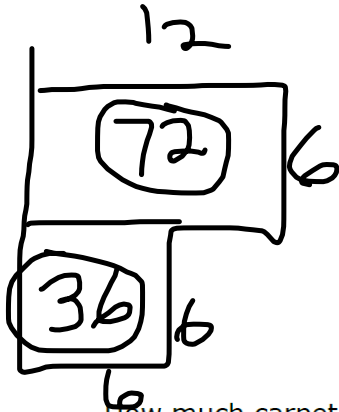
33 Which box plot represents a set of data with the largest interquartile range?



GRADE 6 MATHEMATICS—RELEASED FORM



45 The Wilsons want to put outdoor carpet on their porch.



How much carpet will be needed for their porch?

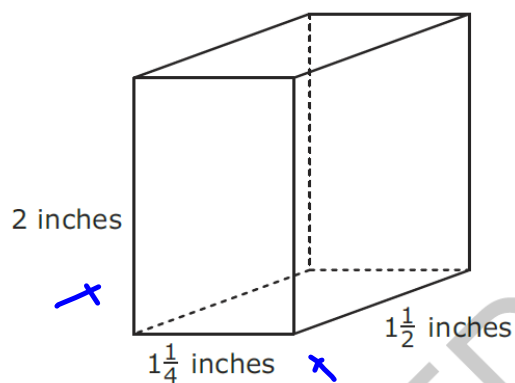
- A 42 ft²
- B 72 ft²
- C 108 ft²
- D 144 ft²

RELEASED

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- 46 What is the volume of the right rectangular prism below?

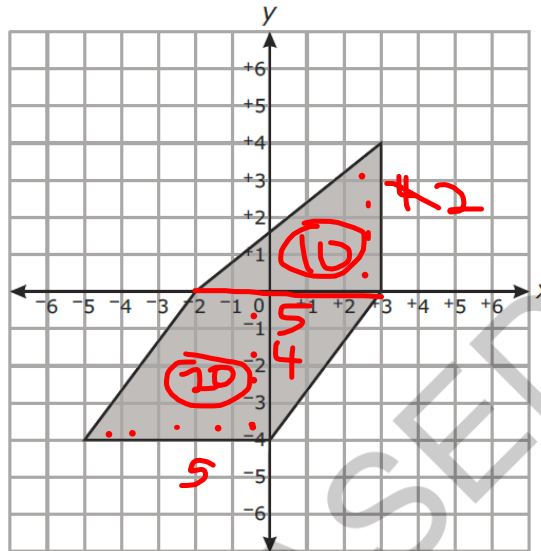


- A $4\frac{3}{4}$ cubic inches
B $4\frac{1}{8}$ cubic inches
C $3\frac{3}{4}$ cubic inches
D $2\frac{1}{8}$ cubic inches

GRADE 6 MATHEMATICS—RELEASED FORM

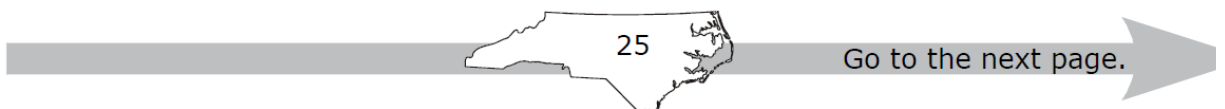


47 In the graph below, each grid square represents one square yard.



What is the area of the shaded figure?

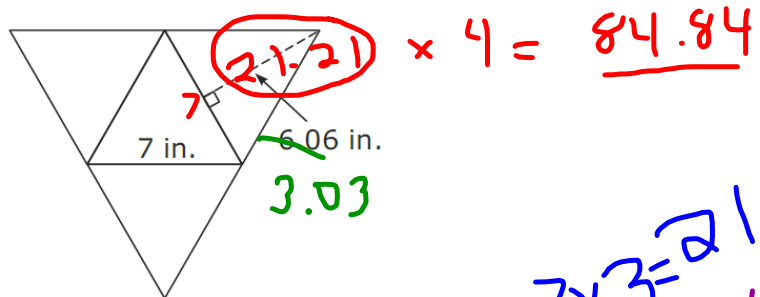
- A 20 yd²
- B 30 yd²
- C 36 yd²
- D 40 yd²



GRADE 6 MATHEMATICS—RELEASED FORM



- 48 Abby is making a decoration. When folded, the decoration is a triangular pyramid made of four congruent equilateral triangles. Approximately, what is the surface area of Abby's decoration?



$$7 \times 3 = 21$$

$$\begin{array}{r} 21 \\ \times 4 \\ \hline 84 \end{array}$$

- A 64 in.²
- B 85 in.²
- C 97 in.²
- D 170 in.²

49 Katherine earned ~~84~~, ~~92~~, ~~84~~, ~~75~~, and 70 on her first 5 tests. What is the minimum grade Katherine needs to earn on the next test to have a mean of 84?

A 81

B 84

C 95

D 99

405

~~+8~~ ~~-9~~ ~~-14~~

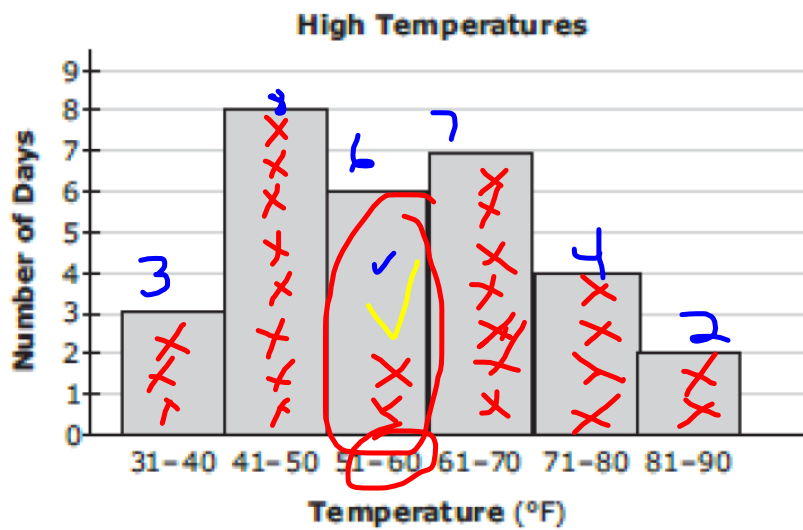
-1

need +15

$$84 + 15 = 99$$

$$\begin{array}{r} 6 \times 84 = 504 \\ -405 \\ \hline 99 \end{array}$$

- 50 The weather station recorded the high temperature each day for 30 days. The graph of the temperature data is shown below.



In which interval is the median temperature?

A 41-50

B 51-60

C 61-70

D 71-80

REST OF CLASS...

Continue self-guided EOG review...

Focus on A2, C, D

~~A1~~ ~~B~~ ~~C~~ ~~D~~