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Vendor:TEAS

Exam Code:TEAS-SECTION-3

Exam Name: Test of Essential Academic Skills - Math Problem Solving

Version: Demo

QUESTION 1

Given that a = 4, b = - 6 and c = 8, what is the value of (a + 2c)(b + 2c)?

A. 200

B. 20

C. -200

D. -104

Correct Answer: A

QUESTION 2

What does 68% equal?

A. 6800

B. 0.68

C. 0.0068

D. 6.8

Correct Answer: B

QUESTION 3

Precipitation (inches)			
Date	Albany	Coral Bay	Bunbury
6/1	0.01	0.02	0.02
6/2	0.25	0.35	0.00
6/3	0.55	0.75	0.20
6/4	0.00	0.45	0.10
6/5	0.90	1.01	0.50
6/6	2.00	2.15	1.90
6/7	0.95	1.05	1.15

What was the average amount of precipitation received in all areas on the fifth of the month?

A. 0.95 inches

B. 2.41 inches

C. 1.01 inches

D. 0.80 inches

Correct Answer: D

QUESTION 4

Given that a/12 = 4/10, find the value of a.

A. 5/12

B. 12/5

C. 24/5

D. 5/24

Correct Answer: C

QUESTION 5

Arrange the numbers 5, 4.26, 9/4, 13/3, and 8/2 in order, from least to greatest.

A. 13/3, 8/2, 4.26, 5, 9/4

B. 9/4, 8/2, 13/3, 4.26, 5

C. 4.26, 9/4, 13/3, 8/2, 5

D. 9/4, 8/2, 4.26, 13/3, 5

Correct Answer: D

QUESTION 6

Estimate the value of 30/0.049 correct to 1 significant figure.

A. 610

B. 612.2

C. 600

D. 612

Correct Answer: C

QUESTION 7

A football player scored the following number of field goals in eleven games:

1, 0, 0, 2, 2, 0, 1, 2, 3, 1, 2

What is the modal score?

A. 0

B. 3

C. 1

D. 2

Correct Answer: D

QUESTION 8

If Leonard bought 2 packs of batteries for x amount of dollars, how many packs of batteries could he purchase for $5.00 at the same rate?

A. 10/x

B. 2x

C. 2/x

D. 10x

Correct Answer: A

QUESTION 9

Express as a single fraction in its simplest form:

$$\frac{3}{(2x-1)} - \frac{4}{(5x+2)}$$

A. $$\frac{-1}{10x-2}$$

B. $$\frac{(7x+10)}{(2x-1)(5x+2)}$$

C. $$\frac{7x+10}{10x-2}$$

D. $$\frac{(7x-10)}{(2x-1)(5x+2)}$$

A. Option A

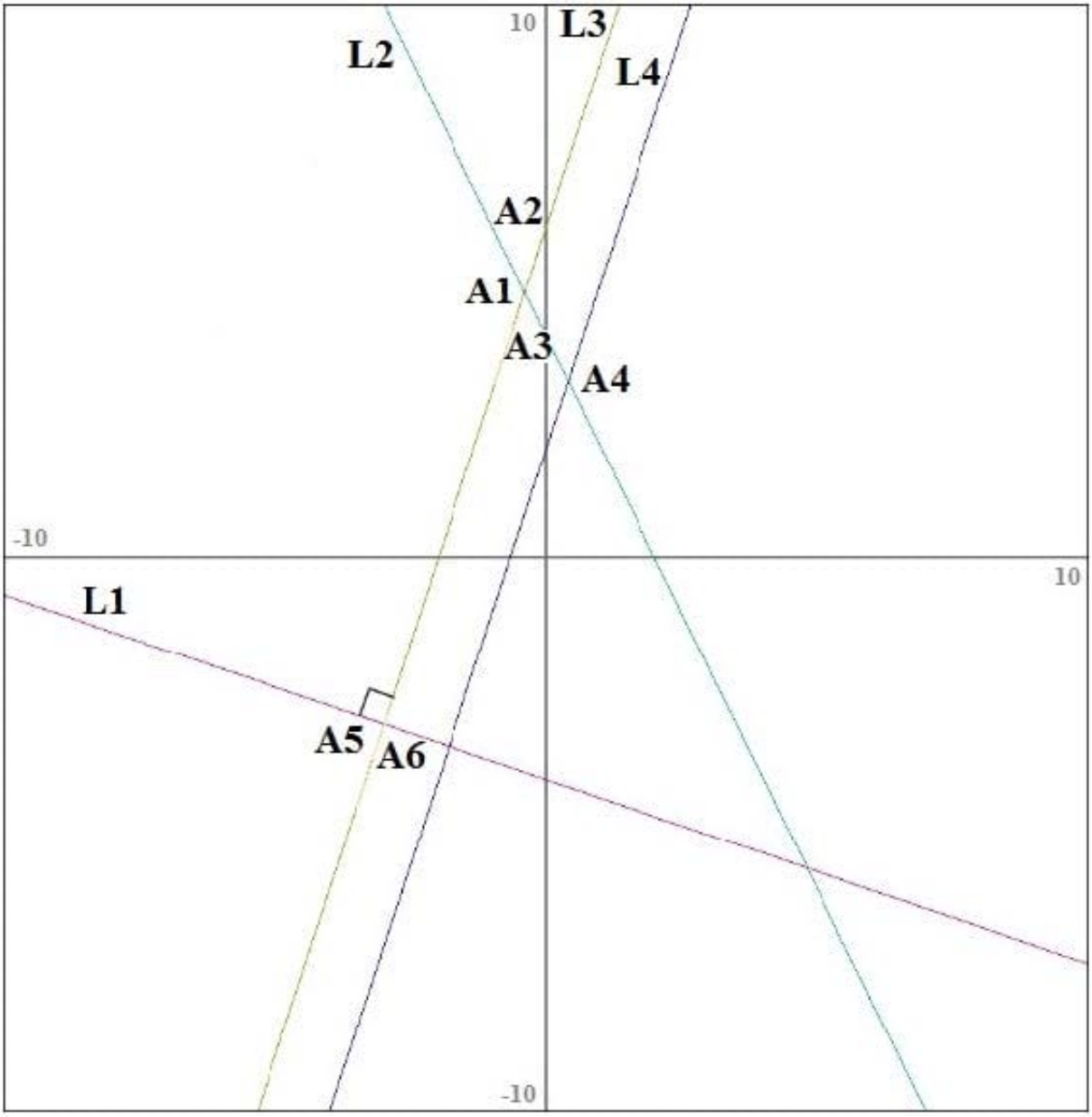
B. Option B

C. Option C

D. Option D

Correct Answer: B

QUESTION 10



In the figure, which pair(s) of labeled angles are equal to each other?

A. angles A1 and A4

B. angles A2 and A3 C. both angle pairs A2 and A3 and A1 and A4

D. angles A4 and A6

Correct Answer: B

QUESTION 11

Express 2/7 as a decimal, with the answer correct to 2 decimal places.

A. 0.285

B. 0.29

C. 3.5

D. 0.3

Correct Answer: B

QUESTION 12

Three numbers x, y, and 27 have a mean of 30. Five numbers x, y, 27, a, and b have a mean of 45. What is the mean of a and b?

A. 69

B. 70

C. 67.5

D. 25

Correct Answer: C