

Why paper and pencil?

Although the PARCC® Assessment is given online, MAP Assessments are available as printed booklets to give you a deep look at **where** students went wrong and **why**. Students show their step-by-step work right in the pages so you can review their thought process and pinpoint exactly where deficiencies occurred.

Part A is correct. Part B is incorrect, as shown by her work.

She understands the concept but can't evaluate the formula. This is most likely a confusion of exponents.

- 9 A builder purchased 6 logs that each measure 28 feet in length. He cuts an equal length off each log and is left with a total of 150 feet of log.

Part A

Write an equation that you can use to find how many feet the builder cut off each log. Use x for the unknown number. Write your answer in the space provided. Write **only** your equation.

$$6(28 - x) = 150$$

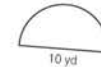
Part B

How many feet did the builder cut off each log? Write your answer in the box.

53 feet

$$\begin{aligned}6(28 - x) &= 150 \\118 - 6x &= 150 \\6x &= 318 \\x &= 53\end{aligned}$$

- 10 This diagram represents a small stage in the shape of a semicircle.



Circle an option from each set to correctly complete the statement.

The formula for the area of a circle is $A = 2\pi r^2$. For the stage, $r =$ so the area of the stage is square yards.



Continental
inspire every learner
800.233.0759
www.continentalpress.com

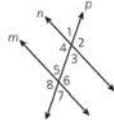
Why paper and pencil?

Multipart and multianswer questions with partially correct answers can also be examined in detail. This series is also great practice for the home where technology may be limited.

Answers B and E are correct, but D is incorrect. She may be confusing corresponding angles with any pair of equivalent angles.

Only one correct answer was chosen in both questions. She may not understand the item type.

31 In this figure, lines m and n are parallel.



Part A

Which pairs of angles are corresponding? Select **all** that apply.

- A $\angle 1$ and $\angle 2$
- B $\angle 1$ and $\angle 5$
- C $\angle 2$ and $\angle 7$
- D $\angle 3$ and $\angle 5$
- E $\angle 4$ and $\angle 8$
- F $\angle 5$ and $\angle 8$

Part B

The measure of $\angle 3$ is 80° .

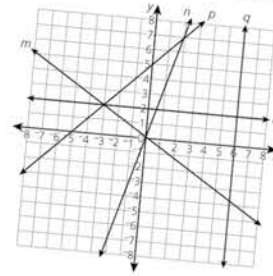
What must be the measure of $\angle 7$? Write your answer in the box.

degrees

16 Ally's bike cost d dollars. Ted's bike cost 15% less than Ally's bike. Which expressions represent the cost, in dollars, of Ted's bike? Select **all** that apply.

- A $0.15d$
- B $d - 0.15$
- C $0.85d$
- D $0.15d - d$
- E $d - 0.15d$
- F $d + 0.85$

17 Lines m , n , p , q , and r are shown on this coordinate plane.



Which of these lines represent proportional relationships? Select **all** that apply.

- A line m
- B line n
- C line p
- D line q
- E line r



Continental

Inspire every learner

800.233.0759

www.continentalpress.com