- **1.** The number of students in four $^{\it m}$ classrooms is 28, 30, 31, and students in the four classrooms? 31. What is the mean number of
- 2. Simon ran and jumped three times. ^{©, 291} The lengths of his jumps are shown

longer than his shortest jump? His longest jump was how much 4.23 m, 4.27 m, 3.98 m

3. There are 12 girls and 15 boys in a classroom. What fraction of the students are girls?

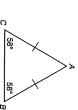
- 4. Norton started driving at 9 a.m. By What was his average speed? noon he had traveled 162 miles.
- **5.** Expand: 3(x + 4)

- **6.** Compare: $\sqrt{25} \sqrt{16} \bigcirc \sqrt{25 16}$

7. Arrange these numbers from least numbers from least to greatest.

1.4, 0, 0.14, $\frac{1}{4}$, 1, $\frac{1}{4}$

8 and 9. Refer to triangle ABC to answer questions



- 8. What is the measure of angle A?
- **9.** Classified by sides, what type of triangle is triangle *ABC*?

inspection.

15.50 = 2x + 10

For questions 15 and 16, solve for x by

10. What is the area of a triangle with $\frac{n c_1}{20}$ vertices at (0, 0), (0, 3), and (3, 4)?

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Saxon Math Course 3

11. Find the perimeter of this triangle. $\frac{\alpha}{\ln 2}$



expression.

For questions 17-20, simplify the

12. Follow the order of operations to simplify the following expression.

B**∞** 518

ω<u>1</u>4

13. Express in exponential form:

14. Find
$$\frac{1}{2}bh$$
 when $b = 12$ and $h = 8$.

$$\operatorname{nd} \frac{1}{2}bh \text{ when } b = 12 \text{ and } h = 1$$

4. Find
$$\frac{1}{2}bh$$
 when $b = 12$ and h

$$\operatorname{ind} \frac{1}{2}bh$$
 when $b = 12$ and h

$$ab = 12 \text{ and } h = 8.$$

8

