

HW 3.3 Activity

Name: _____

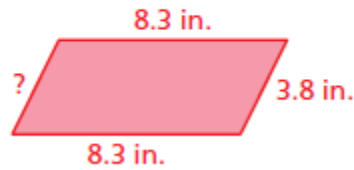
- Regular: p. 101 #29-31, 35, 41-45
- Modified: p. 101 #29, 30, 35, 41, 43
- Advanced: p. 101 #29-31, 35, 37-39, 41-45

GEOMETRY Write and solve an equation to find the unknown side length.

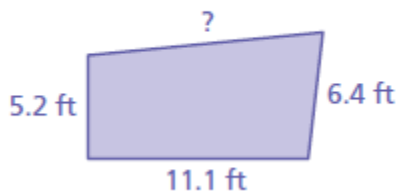
29. Perimeter = 12 cm



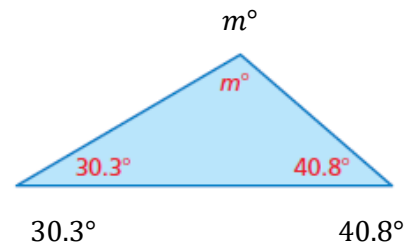
30. Perimeter = 24.2 in.



31. Perimeter = 34.6 ft



35. **GEOMETRY** The sum of the measures of the angles of a triangle equals 180° . What is the measure of the missing angle?



Multiply or divide. (*Section 1.4 and Section 1.5*)

41. -7×8

42. $6 \times (-12)$

43. $18 \div (-2)$

44. $-26 \div 4$

45. **MULTIPLE CHOICE** A class of 144 students voted for a class president. Three-fourths of the students voted for you. Of the students who voted for you, $\frac{5}{9}$ are female. How many female students voted for you? (*Section 2.4*)

Ⓐ 50

Ⓑ 60

Ⓒ 80

Ⓓ 108

Advanced:

37. **CRITICAL THINKING** Find the value of $2x - 1$ when $x + 6 = 2$.



Find the values of x .

38. $|x| = 2$

39. $|x| - 2 = 4$