

## GRADE 7 MATHEMATICS - Assignments for September 26-30

When you report to your first Math class, you must hand in a set of completed (pen and paper) worksheets for each of the following topics plus a one-paragraph (10 lines) self-reflection journal entry.

### Objectives:

- Refresh skills previously learned
- Consolidate prior knowledge
- Identify areas that need attention
- Self-assessment (Tell us about any problem areas)

### Resources:

Internet access  
Paper  
Pencil

### Directions:

Visit the lesson websites for each of the worksheet topics. Complete the worksheet problems as directed on separate sheet of paper or on a printout of the worksheet. Follow instructions and show your work.

### Worksheet topics (one set per day):

1. **Simplifying Fractions**  
Lesson: <http://www.mathsisfun.com/simplifying-fractions.html>  
Worksheet: Page 2 of this document
2. **Order of Operations**  
Lesson: [http://www.mathgoodies.com/lessons/vol7/order\\_operations.html](http://www.mathgoodies.com/lessons/vol7/order_operations.html)  
Worksheet: Page 3 of this document
3. **Fractions with Different Denominators**  
Lesson: <http://www.helpwithfractions.com/adding-fractions-different-denominators.html>  
Worksheet: Page 4 of this document
4. **Area and Perimeter**  
Lesson: <http://www.youtube.com/watch?v=QV9zo6GSw4c&feature=fvw>  
<http://www.youtube.com/watch?v=y-cOnzmlTo>  
Worksheet: Pages 5 and 6 of this document
5. **Coordinate Graphing**  
Lesson: [http://www.wisc-online.com/objects/index\\_tj.asp?objID=ABM201](http://www.wisc-online.com/objects/index_tj.asp?objID=ABM201)  
Worksheet: <http://www.algebrahelp.com/worksheets/view/graphing/readpoints.quiz>

## Simplifying Fractions

$\frac{3}{21} = \frac{1}{7}$	$\frac{2}{14} = \frac{1}{7}$	$\frac{2}{14} = \frac{1}{7}$	$\frac{28}{36} = \frac{7}{9}$	$\frac{16}{18} = \frac{8}{9}$	$\frac{6}{16} = \frac{3}{8}$
$\frac{24}{28} = \frac{6}{7}$	$\frac{12}{27} = \frac{4}{9}$	$\frac{12}{21} = \frac{4}{7}$	$\frac{4}{40} = \frac{1}{10}$	$\frac{6}{16} = \frac{3}{8}$	$\frac{16}{20} = \frac{4}{5}$
$\frac{2}{4} = \frac{1}{2}$	$\frac{4}{24} = \frac{1}{6}$	$\frac{2}{8} = \frac{1}{4}$	$\frac{4}{36} = \frac{1}{9}$	$\frac{2}{18} = \frac{1}{9}$	$\frac{15}{21} = \frac{5}{7}$
$\frac{16}{18} = \frac{8}{9}$	$\frac{4}{16} = \frac{1}{4}$	$\frac{24}{28} = \frac{6}{7}$	$\frac{28}{36} = \frac{7}{9}$	$\frac{4}{28} = \frac{1}{7}$	$\frac{12}{14} = \frac{6}{7}$
$\frac{12}{21} = \frac{4}{7}$	$\frac{6}{14} = \frac{3}{7}$	$\frac{16}{28} = \frac{4}{7}$	$\frac{4}{32} = \frac{1}{8}$	$\frac{4}{28} = \frac{1}{7}$	$\frac{10}{14} = \frac{5}{7}$
$\frac{28}{32} = \frac{7}{8}$	$\frac{9}{12} = \frac{3}{4}$	$\frac{12}{16} = \frac{3}{4}$	$\frac{28}{40} = \frac{7}{10}$	$\frac{8}{12} = \frac{2}{3}$	$\frac{15}{24} = \frac{5}{8}$

## Order of Operations

1)  $(20 + 12) \times 9 =$

2)  $5 + 20 \times 17 =$

3)  $18 \div 3 - 5 =$

4)  $13 + (5 + 21 \times 24) =$

5)  $8 \div 4 - 6 =$

6)  $(6 \div 2) + 23 =$

7)  $16 \div 2 \times 4 =$

8)  $23 - 5 + 12 =$

9)  $23 \times (4 - 2) + 3 - 6 =$

10)  $18 - 6 \div 6 =$

11)  $15 \times 3 + 12 \times 10 =$

12)  $12 \div 2 \times (8 \div 2) =$

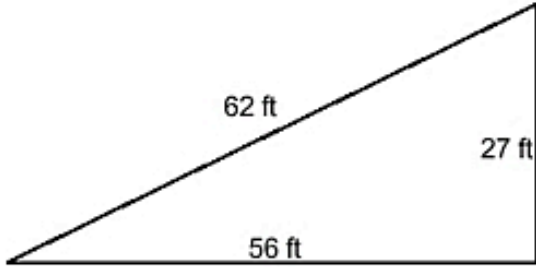
## Adding and Subtracting Fractions

$\frac{7}{8} + \frac{1}{2} =$	$\frac{5}{9} + \frac{5}{7} =$	$\frac{5}{6} + \frac{3}{10} =$	$\frac{1}{6} + \frac{1}{7} =$
$\frac{1}{9} + \frac{4}{7} =$	$\frac{5}{6} + \frac{1}{9} =$	$\frac{1}{10} + \frac{7}{10} =$	$\frac{2}{7} + \frac{2}{3} =$
$\frac{1}{10} + \frac{1}{7} =$	$\frac{5}{7} + \frac{1}{9} =$	$\frac{5}{9} + \frac{2}{9} =$	$\frac{2}{7} + \frac{4}{7} =$
$\frac{2}{7} + \frac{3}{7} =$	$\frac{5}{9} + \frac{1}{3} =$	$\frac{7}{10} + \frac{1}{3} =$	$\frac{1}{5} + \frac{3}{5} =$
$\frac{2}{9} + \frac{4}{9} =$	$\frac{1}{7} + \frac{5}{8} =$	$\frac{1}{8} + \frac{3}{8} =$	$\frac{8}{9} + \frac{1}{8} =$
$\frac{6}{7} + \frac{3}{4} =$	$\frac{1}{3} + \frac{1}{10} =$	$\frac{1}{8} + \frac{7}{9} =$	$\frac{2}{7} + \frac{2}{3} =$

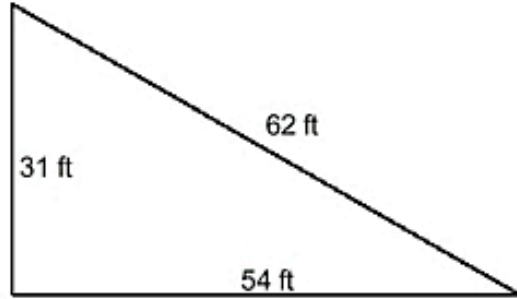
# Area and Perimeter

Directions: Find the area and perimeter of the following figures.

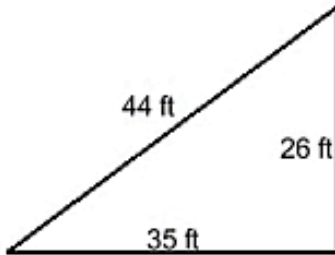
1. \_\_\_\_\_



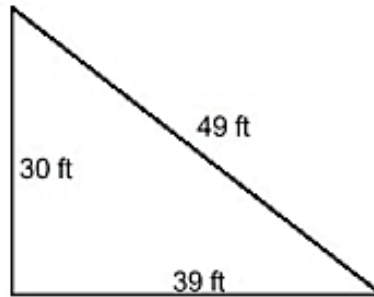
4. \_\_\_\_\_



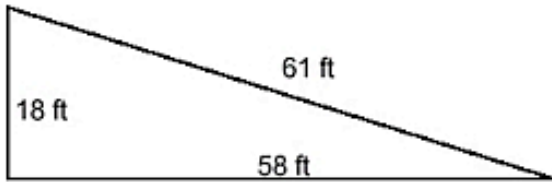
2. \_\_\_\_\_



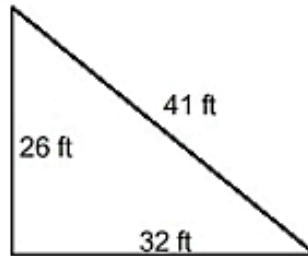
5. \_\_\_\_\_



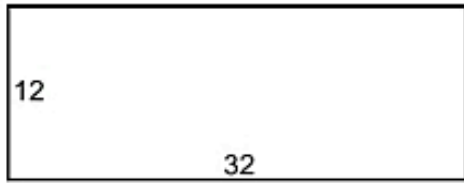
3. \_\_\_\_\_



6. \_\_\_\_\_



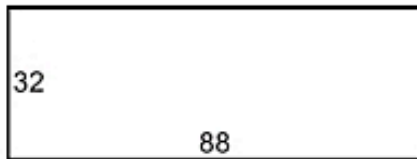
1. \_\_\_\_\_



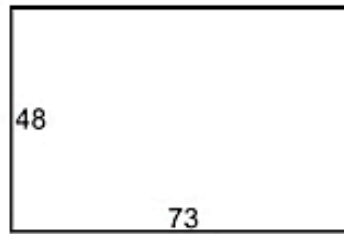
4. \_\_\_\_\_



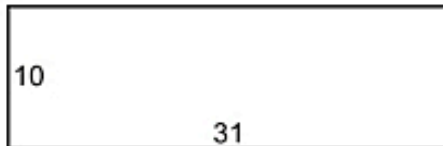
2. \_\_\_\_\_



5. \_\_\_\_\_



3. \_\_\_\_\_



6. \_\_\_\_\_

