
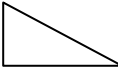



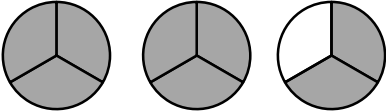
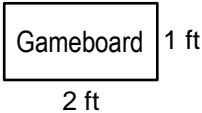
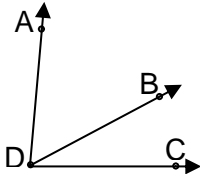


# MATH MADNESS # 25

<p>1. Each pack of baseball cards has 24 cards in it. There are 12 packs of cards in a box. How many total cards are in the box?</p> <p>a. 224 b. 256 c. 268 <b>d. 288</b></p>	<p>5. Maggie made a pattern starting with the number 4. She used the rule “multiple by 4”.</p> <p>Which of the following could be a number in Maggie’s pattern?</p> <p>a. 12 b. 24 c. 44 <b>d. 64</b></p>
<p>2. In Cora’s fish tank, <math>\frac{5}{8}</math> are guppies and <math>\frac{1}{8}</math> are angel fish. What fraction of the fish in Cora’s fish tank are either guppies or angel fish?</p> <p>a. <math>\frac{1}{4}</math> b. <math>\frac{1}{3}</math> c. <math>\frac{1}{2}</math> <b>d. <math>\frac{3}{4}</math></b></p>	<p>6. Mr. Fletcher is using these polygons to teach a math lesson.</p> <div style="text-align: center;">  </div> <p>Mr. Fletcher cuts one of the shapes along a line of symmetry to form two new shapes. The two new shapes are the same shape as the shape it was cut from. Which shape did Mr. Fletcher cut?</p> <p>a.     b.     c.     d. </p>
<p>3. Which fraction represents the shaded part of the model below?</p> <p>a. <math>\frac{7}{3}</math> <b>b. <math>\frac{8}{3}</math></b> c. <math>\frac{10}{3}</math> d. <math>\frac{11}{3}</math></p> <div style="text-align: center;">  </div>	<p>7. Matt bought a new game. A diagram of the gameboard is shown below.</p> <div style="text-align: center;">  </div> <p>What is the perimeter, in <b>inches</b>, of the gameboard?</p> <p>a. 12                      c. 48 b. 24                      <b>d. 72</b>                      Helpful Hint: 1 foot = 12 inches</p>
<p>4. Piper, Zoey, and Olivia are in the book club at school. The number of books each student read last month are listed below.</p> <ul style="list-style-type: none"> <li>• Piper read 6 books.</li> <li>• Zoey read twice as many books as Piper.</li> <li>• Olivia read 3 times as many books as Piper.</li> </ul> <p>How many more books did Olivia read than Zoey?</p> <p>a. <b>6</b>                      c. 12 b. 9                      d. 18</p>	<p>8. Mrs. Rucks drew these angles on the board. The angle between ray DA and DC is <math>85^\circ</math>. The angle between ray DB and DC is <math>28^\circ</math>. What is the measure of the angle between ray DB and DA?</p> <p>a. <math>47^\circ</math> b. <math>53^\circ</math> <b>c. <math>57^\circ</math></b> d. <math>63^\circ</math></p> <div style="text-align: right;">  </div>

## 9 & 10 (2 points) Short Answer / Extended Response

Thermometer A shows the temperature at 7:30 a.m.  
Thermometer B shows the temperature at 1:00 p.m.  
How much did the temperature rise between 7:30 a.m. and 1:00 p.m.?

14°

How long did it take for the temperature to rise that much?

5 hours 30 minutes

