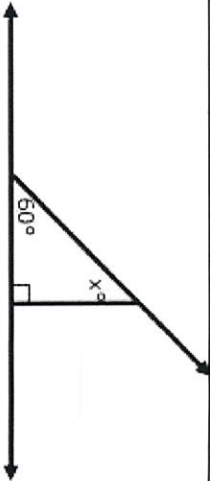
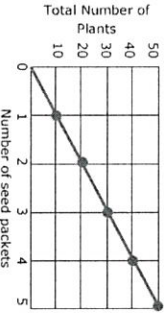
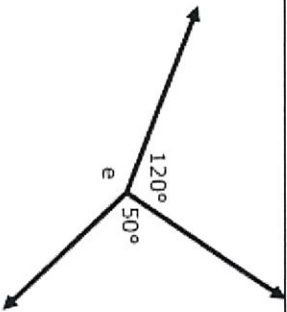


# Brain Freeze Activities for Grade 7 - Math

Two different activities are to be completed for each Brain Freeze day.  
Send documentation of activity completion to your child's teacher.

CALCULATE			
1) $2a-3$ 2) $3b+4$ 3) $c-10$ 4) $5d-3$ 5) $3(e+4)$ 6) $7(f-2)$	WHEN $a=5$ $b=5$ $c=7$ $d=20$ $e=-7$ $f=10$	Show the decimal as fractions. $.8 = \frac{\quad}{\quad}$ $.67 = \frac{\quad}{\quad}$ $1.24 = \frac{\quad}{\quad}$ $300.2 = \frac{\quad}{\quad}$ $.6 = \frac{\quad}{\quad}$ $9.61 = \frac{\quad}{\quad}$	Write and solve an equation to find the measure of angle $x$ . Dennis wants to buy a card for his wife. Dennis calculates the amount of the card as \$4.50. The actual price of a card is \$4. What is Dennis's percent error. Eric sold cell phones for \$70. Eric increases his sale price by 100%. What is the sale prices of the cell phone?
Ethan writes $\frac{1}{6}$ of a page in $\frac{1}{12}$ of a minute. How much time does it take him to write a full page. William fills $\frac{1}{3}$ of a water bottle in $\frac{1}{6}$ of a minute. How much time will it take him to fill the bottle.	The graph represents the total number of plants and number of seed packets used. What is the constant proportionality? 	Fill in the blank to make an equivalent ratio. $10:18 = \frac{\quad}{\quad}:9$ $\frac{\quad}{\quad}:21=5:7$ $\frac{\quad}{\quad}:65=9:13$ $180:210 = \frac{\quad}{\quad}:35$ $10:100 = \frac{\quad}{\quad}:200$ $63:\frac{\quad}{\quad}=7:8$ $12:28 = \frac{\quad}{\quad}:7$	Use 3.14 for pi Mike purchases a round wall clock. The clock's radius is 10m. What is the circumference of the clock. Jordan buys a big drum. The diameter of a drum circle is 12 feet. What is the area of the drum?
A painting is on sale at 50% off. The sale price is \$320. What was the original price. Fred buys a video game disk for \$4. There was a discount of 20%. What is the sales price.	Expand the expression $4(7x-2)$ $8x + 12$ $15x + 21$		 Find the value of $e$ .