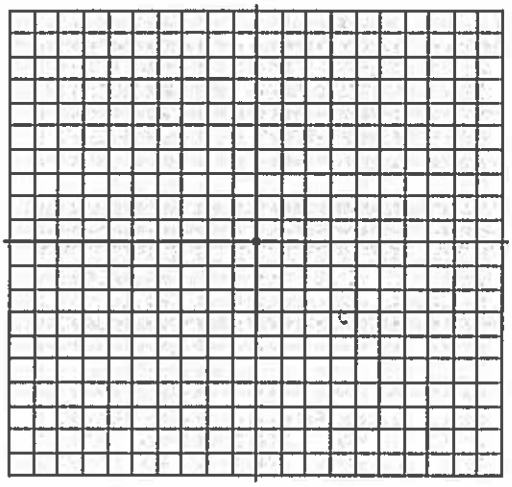
Name: _____

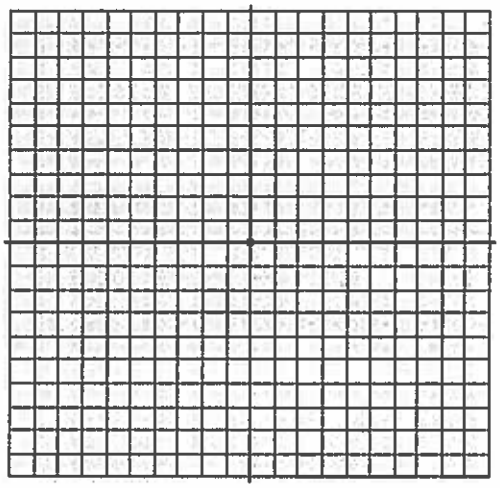
Prerequisite Skill Graphing Linear Equations

MCC8.G.3 Describe the effect of dilations, translations, rotations and reflections on two-dimensional figures using coordinates.

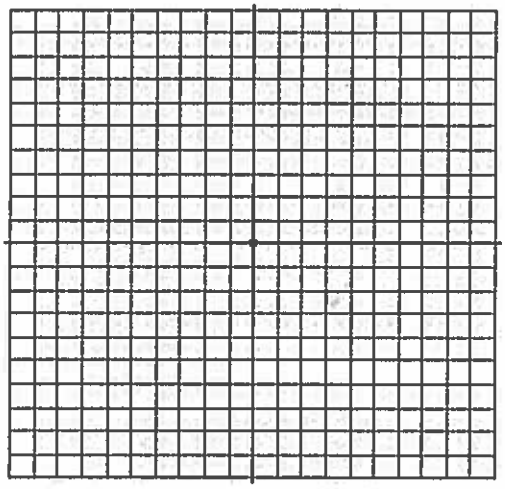
1. Graph y=3



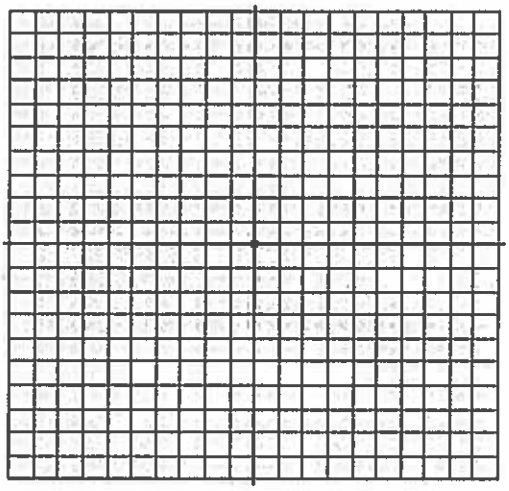
2. Graph x= -2



3. Graph x = 3



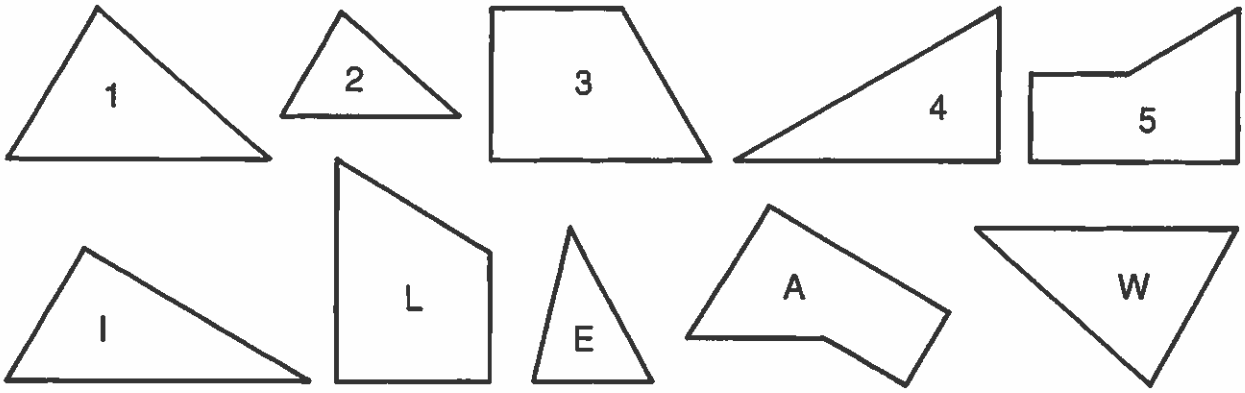
4. Graph y = -5



Why Couldn't Orgo Buy a Round Trip Ticket?

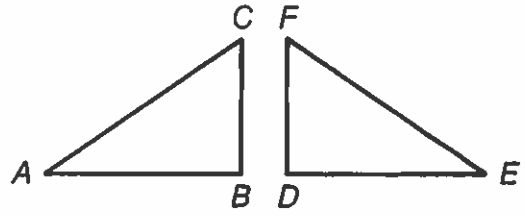
Follow the directions for each section. Each exercise will give you a number-letter pair. Write the letter in the matching numbered box at the bottom of the page.

I. Find each pair of congruent figures. Use the number from one figure and the letter from the other.



II. Complete each statement, then find your answer in the answer column. Use the number of the exercise and the letter of the answer.

$\triangle ABC \cong \triangle EDF$



(6) $\overline{AB} \cong$ (9) $\angle A \cong$

(7) $\overline{BC} \cong$ (10) $\angle B \cong$

(8) $\overline{AC} \cong$ (11) $\angle C \cong$

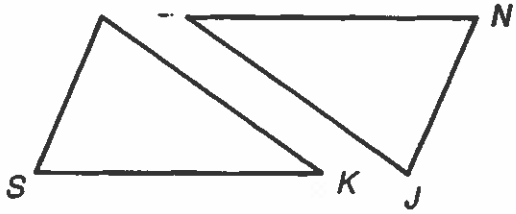
Answers 6 – 11:

(E) $\angle D$ (H) $\angle F$

(S) $\overline{EF}$ (T) $\overline{DF}$

(E) $\overline{ED}$ (U) $\angle E$

$\triangle SKM \cong \triangle JGN$



(12) $\overline{SK} \cong$ (15) $\angle S \cong$

(13) $\overline{KM} \cong$ (16) $\angle K \cong$

(14) $\overline{SM} \cong$ (17) $\angle M \cong$

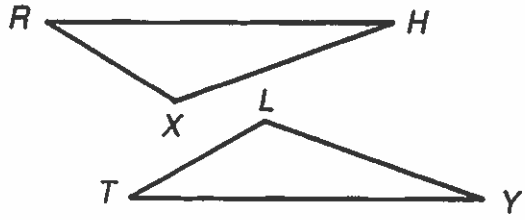
Answers 12 – 17:

(S) $\angle J$

(E) $\overline{GJ}$ (R) $\angle N$

(T) $\overline{NJ}$ (C) $\angle G$

$\triangle RHX \cong \triangle TYL$



(18) $\overline{TY} \cong$ (21) $\angle T \cong$

(19) $\overline{YL} \cong$ (22) $\angle Y \cong$

(20) $\overline{TL} \cong$ (23) $\angle L \cong$

Answers 18 – 23:

(R) $\angle R$ (K) $\overline{RX}$

(E) $\overline{RH}$ (T) $\angle H$

(Q) $\angle X$ (L) $\overline{HX}$

7	11	2		22	4	16	20	10	14	8		1	18	15	6		12	3	19		17	23	9	5	21	13