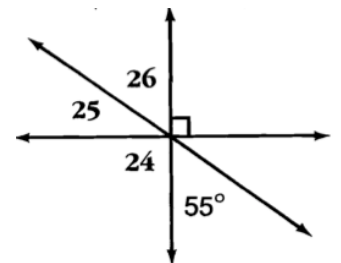
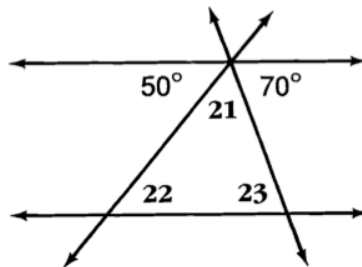
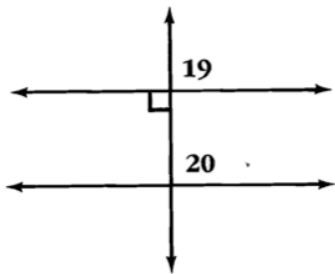
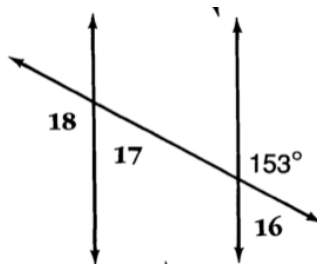
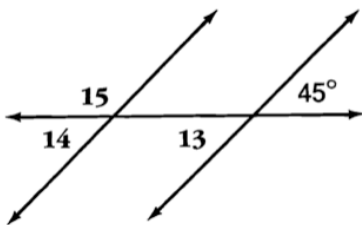
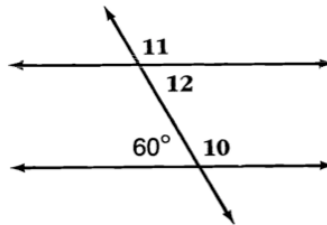
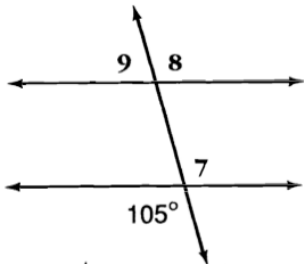
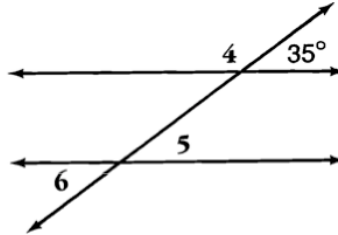
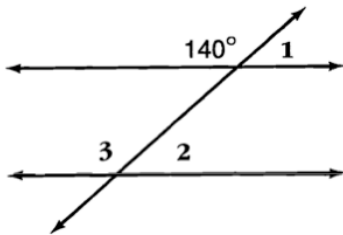


Why Couldn't the Two Elephants Go Swimming Together???

Find the measure of each numbered angle. Use the Code Key to decipher the code at the bottom.

*Lines which appear parallel are parallel.

Code Key	
27°	A
35°	O
40°	R
45°	Y
50°	I
55°	P
60°	T
70°	U
75°	F
90°	N
105°	H
120°	E
135°	K
140°	L
145°	S
153°	D



12	7	10	14		8	16	18		6	20	3	13		25	19	11
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26	17	22	1		5	9		21	2	23	24	15	4
----	----	----	---	--	---	---	--	----	---	----	----	----	---

What is the Biggest Problem of Miners?

Circle the number-letter pair of each TRUE statement. For these pairs, write the letter in the matching numbered box below.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----

1) Use the figure to the right. You should find 11 true statements.

7-E \overline{EF} intersects \overline{AD} at C

11-O $\overline{EB} \perp \overline{AC}$

2-H $\overline{FC} \parallel \overline{HG}$

17-E $\overline{HC} \perp \overline{DB}$

1-T $\overline{EB} \parallel \overline{CH}$

3-A $\overline{BG} \perp \overline{CH}$

16-S $\overline{CF} \parallel \overline{BE}$

12-A $\angle EBC$ is a right angle

18-G $\angle DCE$ is a right angle

3-E $m\angle HCB = 90^\circ$

8-T $\angle FCH$ is an acute angle

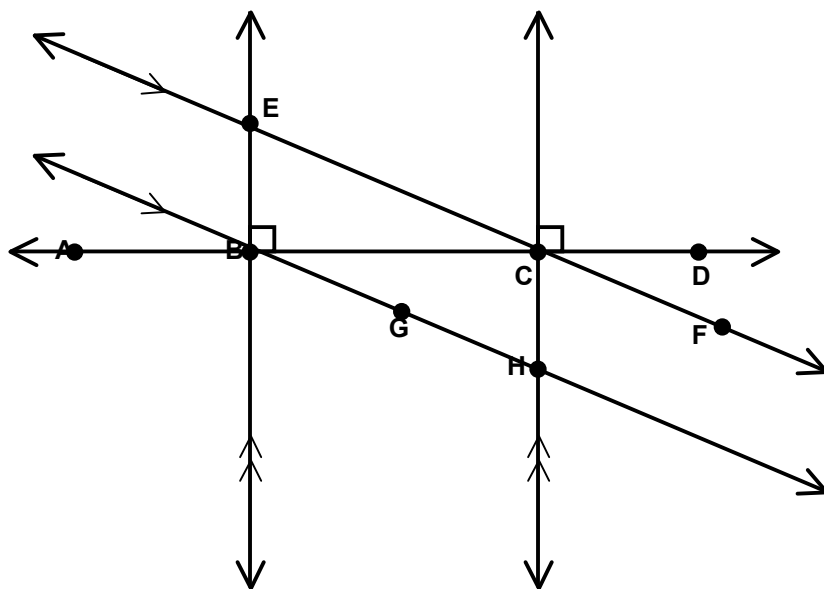
16-E $\angle ECH$ is an obtuse angle

14-P $\angle ABE$ is an acute angle

4-Y Perpendicular lines intersect to form right angles

18-T Parallel lines never intersect

6-L $\angle DCH \cong \angle EBH$



2) Use the figure to the right. You should find 4 true statements.

13-L 5th Street appears parallel to 6th Street

6-G 6th Street appears perpendicular to Elm Avenue

10-S Elm Avenue appears parallel to Disk Drive

15-F 4th Street and Oak Avenue appear to form right angles

9-N Elm Avenue appears perpendicular to Oak Avenue

10-C Elm Avenue appears parallel to Oak Avenue

