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## Quiz Review: Angles

For 1 -4, find the angle measures marked by question marks or variables. Show your work!


For 6-12, use the diagram from \#5.
6) $\angle A G E$ is:
7) $\angle F G E$ and $\angle B G C$ are:
8) $\angle A G B$ and $\angle B G C$ are:
9) $\angle D G C$ and $\angle D G E$ are:
A) Acute
A) Vertical
A) Vertical
A) Vertical
B) Right
B) Complementary
B) Complementary
B) Complementary
C) Obtuse
C) Supplementary
C) Supplementary
C) Supplementary
D) None of the above
D) None of the above
10) $\angle D G E$ and $\angle D G B$ are:
11) $\angle A G E$ and $\angle B G D$ are:
12) $\angle F G E$ and $\angle A G B$ are:
A) Vertical
A) Vertical
A) Vertical
B) Complementary
B) Complementary
C) Supplementary
C) Supplementary
D) None of the above
D) None of the above
B) Complementary
C) Supplementary
D) None of the above
13) $\angle D G E$ and $\qquad$ are complementary.
14) $\angle F G B$ and $\qquad$ are supplementary.
15) $\angle A G B$ and $\qquad$ are vertical.
16) Draw an example of a linear pair and label both angles with a reasonable angle measure.

For 17-21, a) Identify which type of angle pair is marked, and b) Find the missing angle measure. You may assume the lines are parallel in each problem.
17)

18)

19)

20)



## Algebra Section

For each problem, set up an equation and solve for the variable. Then plug the variable back in to find each angle measure. You may assume the lines are parallel in each problem.

23)

24)

25)


27)

28) Now go to lischwe.weebly.com and find the answer key to this activity. In a different color, make corrections to the problems you got wrong. (Don't erase your original work.) Study them until you understand! Put a checkmark here after you have completely finished this step: $\qquad$

