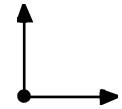
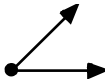
Geometric Figures: Skill 5 - 20C

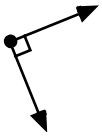
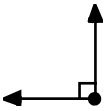
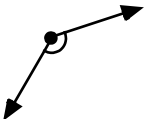
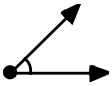
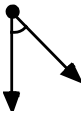
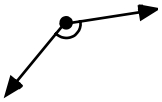
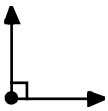
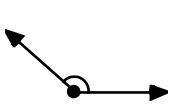
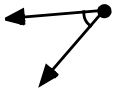
Classify Angles

Answers: test question 20C: right angle a., acute angle b., obtuse angle b.

An angle is formed by two rays with the same vertex or endpoint.

 **right angle** A right angle measures 90° and forms a square corner.	 **acute angle** An acute angle measures greater than 0° but less than 90°.	**obtuse angle** An obtuse angle measures greater than 90° but less than 180°.	**straight angle** A straight angle measures 180°.

Directions: Write the name of each angle in each box. Write acute, obtuse, right or straight. Use a protractor to help.

1.	**2.** 	**3.**	**4.** 
5. 	**6.** 	**7.**	**8.**
9. 	**10.** 	**11.**	**12.** 
13. 	**14.** 	**15.**	**16.**

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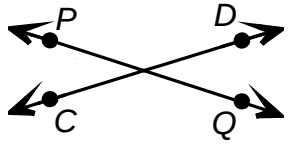
Name _____ Date _____

Geometric Figures: Skill 5 - 20C

Classify Lines

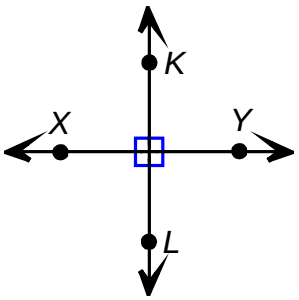


intersecting lines

Intersecting lines meet or cross at one point.

Read: line CD intersects line PQ

Write: $\overleftrightarrow{CD}$ intersects $\overleftrightarrow{PQ}$

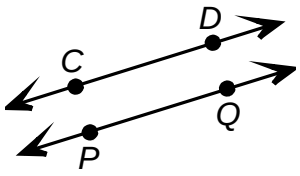


perpendicular lines

Intersecting lines that form four right angles.

Read: line XY is perpendicular to line KL

Write: $\overleftrightarrow{CD} \perp \overleftrightarrow{PQ}$



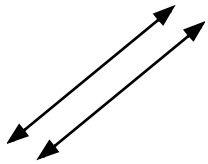
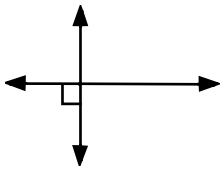
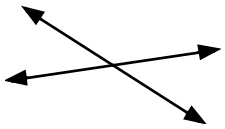
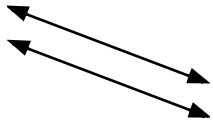
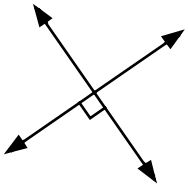
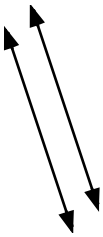
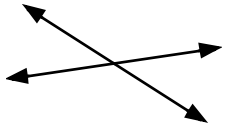
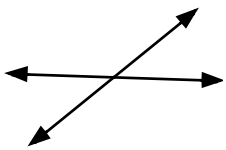
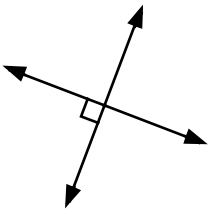
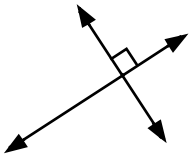
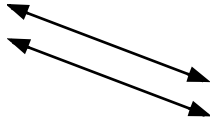
parallel lines

Lines that stay the same distance apart at every point.

Read: line CD is parallel to line PQ

Write: $\overleftrightarrow{CD} \parallel \overleftrightarrow{PQ}$

Directions: Name each pair of lines. Write intersecting, perpendicular or parallel below each pair of lines

17. 	**18.** 	**19.** 	**20.** 
21. 	**22.**	**23.** 	**24.** 
25. 	**26.** 	**27.** 	**28.** 

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Answers: Skill 20C Grade 5

1. straight	2. right	3. acute	4. right
5. obtuse	6. acute	7. obtuse	8. straight
9. acute	10. obtuse	11. obtuse	12. right
13. obtuse	14. acute	15. right	16. straight
17. parallel	18. perpendicular	19. intersecting	20. parallel
21. perpendicular	22. intersecting	23. parallel	24. intersecting
25. intersecting	26. perpendicular	27. perpendicular	28. parallel

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