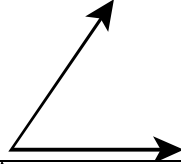
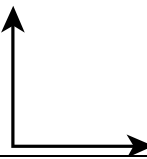
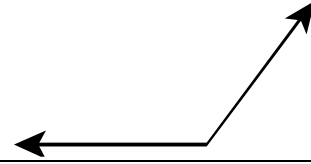
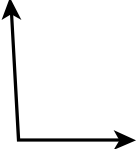
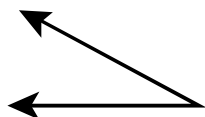
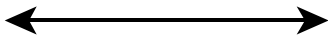


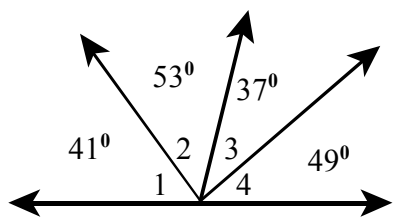
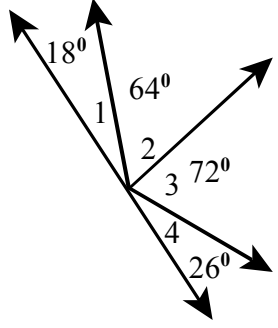
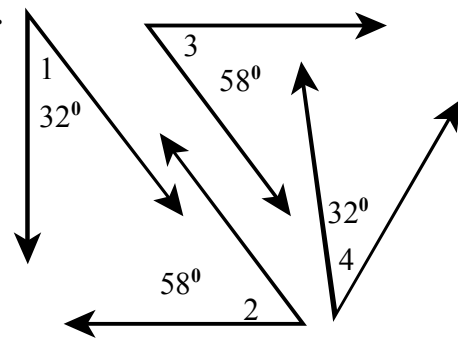
## Worksheet 1-6 Angles

Classify as acute, obtuse, right or straight.

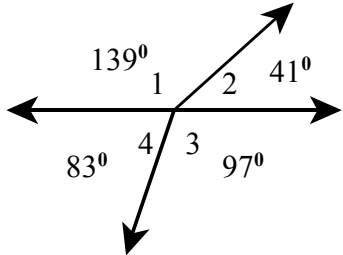
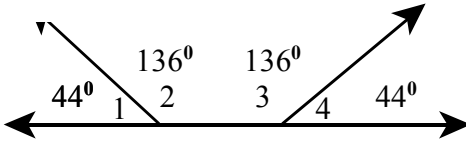
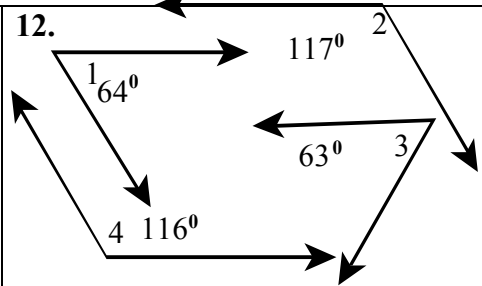
1. 	2. 	3. 
4. 	5. 	6. 

### Angle Relationships

Identify each pair of complementary angles.

7. 	8. 	9. 
--	---	--

Identify each pair of supplementary angles.

10. 	11. 	12. 
--	---	--

Find the measures of the complement and the supplement of angles with these measures.


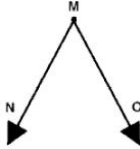
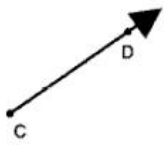
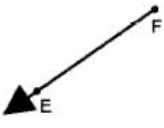
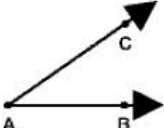
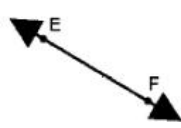
13. $51^\circ$ Complement = _____ Supplement = _____	14. $39^\circ$ Complement = _____ Supplement = _____	15. $12^\circ$ Complement = _____ Supplement = _____
16. $76^\circ$ Complement = _____ Supplement = _____	17. $33^\circ$ Complement = _____ Supplement = _____	18. $14^\circ$ Complement = _____ Supplement = _____

## Ratios

<b>19.</b> There are 3 boys in a class of 10 students. What is the ratio of boys to the class?	<b>20.</b> There are 3 boys in a class of 10 students. What is the ratio of girls to the class?	<b>21.</b> There are 9 boys in a class of 27 students. What is the ratio of boys to the class?
<b>22.</b> There are 8 soccer balls in a bag of 50 balls. What is the probability you will pull a soccer ball out of the bag?	<b>23.</b> There are 7 blue marbles in a sack of 25 marbles. What is the probability you will draw a blue marble out of the bag?	<b>24.</b> There are 5 pennies in a sack of 30 coins. What is the probability you will draw something besides a penny out of the sack of coins?

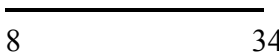


## Lines, Angles, Line Segment, and Rays

Use a symbol to name each object.

<b>25.</b> _____ 	<b>26.</b> _____ 	<b>27.</b> _____ 
<b>28.</b> _____ 	<b>29.</b> _____ 	<b>30.</b> _____ 

## Length and Midpoint

Find the length and the midpoint for the line.

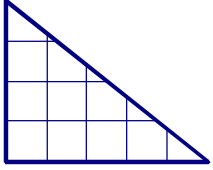
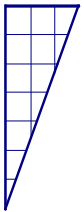
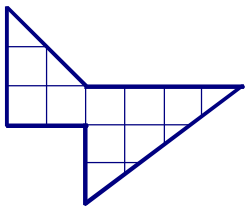
<b>31.</b> L = _____ M = _____ 	<b>32.</b> L = _____ M = _____ 	<b>33.</b> L = _____ M = _____ 
---	---	---

## Area and Perimeter

Find the dimensions of the rectangle given the following information.

<b>34.</b> Area of 56 with the minimum perimeter. _____	<b>35.</b> Perimeter of 22 with the minimum area. _____	<b>36.</b> Area of 72 with the maximum perimeter. _____
--	--	--

Estimate the area for each figure.

<b>37.</b> A = _____ 	<b>38.</b> A = _____ 	<b>39.</b> A = _____ 
--	---	--