

4. true
5. false
6. true: While this line is not shown, such a line could be drawn.
7. true
8. true
9. false: They have no common end point.
10. 16°
11. 90°
12. 122°
13. 13° – check with protractor
14. 125° – check with protractor
15. 170° – check with protractor
16. true: commutative property of addition
17. true: commutative property of multiplication
18. false: Division is not commutative.
19. false: Subtraction is not commutative.
20. true: commutative property of addition

Lesson Practice 4A

1. acute
2. obtuse
3. right
4. acute
5. acute
6. 180° , straight
7. 270° , reflex
8. 90° , right
9. reflex
10. acute
11. reflex
12. obtuse

Lesson Practice 4B

1. straight
2. obtuse
3. reflex

4. right
5. reflex
6. 56° , acute
7. 35° , acute
8. 136° , obtuse
9. obtuse
10. acute
11. right
12. obtuse

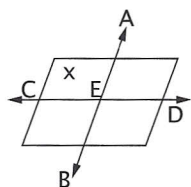
Systematic Review 4C

1. $\angle AEB$ or $\angle BEA$
2. $\angle \alpha$, $\angle \beta$, $\angle \gamma$, $\angle AEB$, $\angle BEC$, $\angle ACE$, $\angle BED$, $\angle CED$, $\angle ABE$, $\angle BCE$, $\angle AEC$ or $\angle ECD$
3. $\angle AEC$
4. 90°
5. $\angle BAE$, $\angle EDC$, $\angle AED$ or $\angle ACD$
6. E
7. BED or DEB
8. $\angle EBC$
9. acute
10. acute
11. obtuse
12. collinear
13. earth, measure
14. congruent
15. \emptyset : null or empty set
16. true
17. false: A point has zero dimensions.
18. false: A plane has two dimensions.
19. true: Any angle between 90° and 180° is obtuse.
20. false: A line segment has definite length.

Systematic Review 4D

1. acute
2. obtuse
3. reflex

4. right
5. 180°
6. PTR or RTP
7. 90°
8. 90°
9. T
10. lines MS, ST or MT
11. right
12. acute
13. obtuse
14. straight
15. acute
16. see drawing
(labeling of lines can be switched)
17. infinite
18. see drawing
19. $\angle CEB, \angle BED, \angle DEA, \angle AEC$
20. E



Systematic Review 4E

1. right
2. obtuse
3. acute
4. straight
5. reflex
6. H
7. Z
8. H
9. $\angle BHE$ or $\angle EHB$
10. $\angle YPS$ or $\angle SPY$
11. obtuse
12. obtuse
13. straight
14. reflex
15. false: A line is one-dimensional.
16. true

17. false: A point has neither length nor width.
18. true
19. $30 = 42Y + 18$
 $30 - 18 = 42Y$
 $12 = 42Y$
 $\frac{12}{42} = Y$
 $\frac{2}{7} = Y$
20. $15 = -45M - 30$
 $15 + 30 = -45M$
 $45 = -45M$
 $\frac{45}{-45} = M$
 $-1 = M$

Lesson Practice 5A

1. parallel
2. perpendicular
3. bisector
4. perpendicular bisector
5. midpoint
6. Follow the procedure in the text.
Use a ruler to check that the line segments of each side of the bisector have equal lengths.
7. Follow the procedure in the text.
Use a ruler to check that the line segments of each side of the bisector have equal lengths.
8. Follow the procedure in the text.
Use a protractor to check that the angles on each side of the bisector have equal measures.
9. Follow the procedure in the text.
Use a protractor to check that the angles on each side of the bisector have equal measures.