Answers to review

P 129:1-7:

1. W = 63 degrees
2. X = 90 degrees
3. Not parallel
4. Y = 57 degrees
5. Yes, FISH is a parallelogram (explain why by congruent AIA or corresponding angles on both pairs of parallel sides)
6. 6) z = 113 degrees
7. A = d = 64 degrees, b = c = 116 degrees, e=g=i=j=k = 108 degrees, f=h=s = 72 degrees,

M = 105 degrees, n = 79 degrees, p = 90 degrees, q = 116 degrees, t = 119 degrees

P 181:20-24

20) E 21) A 22) B 23) C 24) D

P 192:11-18

11) A

12) B or K

13) I

14) H

15) G

16) D

17) J

18) C

P 79:23-32:

23) point, line, plane 24) $\overleftrightarrow{AB}$ 25) omit 26) vertex 27) $\vec{AB}$

28) $\overbar{AB}$ ║ $\overleftrightarrow{CD}$ 29) protractor 30) ∠ABC 31) AB ⊥ CD 32) congruent to

P 103:1-3: 1) inductive, deductive 2) angle B is 65 degrees, deductive

3) inductive. See sketches in class.

P 363:12-14: 12) reflection (one line of symmetry)

13) reflection (4 lines of symmetry), and rotational (90 degrees) 14) reflection (one line)

16) the rule for both is n. If there are six sides, then 6 lines of symmetry, 6 rotations