Fresh Math

Angle Word Problems

Solve for x. Show your work.

1. {An angle measuring 180 degrees is divided into 2 equal parts. What is the measure of each part?}

2. {Two angles are supplementary (they add up to 180 degrees). If one angle measures 90 degrees, what is the measure of the other angle?}

3. {An angle measuring 120 degrees is divided into 4 equal parts. What is the measure of each part?}

4. {Angle A measures 50 degrees. Angle B is 29 degrees larger than Angle A. What is the measure of Angle B?}

5. {Angle A measures 70 degrees. Angle B is 19 degrees larger than Angle A. What is the measure of Angle B?}

6. {Two angles are supplementary (they add up to 180 degrees). If one angle measures 100 degrees, what is the measure of the other angle?}

7. {Angle A measures 40 degrees. Angle B is 38 degrees larger than Angle A. What is the measure of Angle B?}

8. {Angle A measures 40 degrees. Angle B is 34 degrees larger than Angle A. What is the measure of Angle B?}

Angle Word Problems - Answer Key

1. {An angle measuring 180 degrees is divided into 2 equal parts. What is the measure of each part?}

2. {Two angles are supplementary (they add up to 180 degrees). If one angle measures 90 degrees, what is the measure of the other angle?}

    90

3. {An angle measuring 120 degrees is divided into 4 equal parts. What is the measure of each part?}

4. {Angle A measures 50 degrees. Angle B is 29 degrees larger than Angle A. What is the measure of Angle B?}

5. {Angle A measures 70 degrees. Angle B is 19 degrees larger than Angle A. What is the measure of Angle B?}

6. {Two angles are supplementary (they add up to 180 degrees). If one angle measures 100 degrees, what is the measure of the other angle?}

    80

7. {Angle A measures 40 degrees. Angle B is 38 degrees larger than Angle A. What is the measure of Angle B?}

8. {Angle A measures 40 degrees. Angle B is 34 degrees larger than Angle A. What is the measure of Angle B?}

89

90

79