1.  $\triangle ASD \cong \triangle PQR$  and the perimeter 2. of  $\triangle PQR$  is 320 cm. If the sum of two sides of  $\triangle PQR$  is 220 cm. what is the length of the third side of  $\triangle PQR$ ?

 $\triangle CDE \cong \triangle VFR$  with  $CD\cong VF$  and CD=14X-4· If VF=60 cm, find the value of x?

**3.**  $\triangle$  ZAQ is congruent to  $\triangle$  XSW. If 4. the sum of the measures of < Zand < Q is 135 degrees, what is the degree measure of < 5?

 $\Delta XYZ \cong \Delta ABC$  and the perimeter of  $\triangle ABC$  is 75 cm. If the sum of two sides of  $\triangle XYZ$  is 50 cm, what is the length of the third side of AABC?

**5.**  $\triangle JKL \cong \triangle LMN$  with  $JK \cong LM$  and 6. JK=4X+4· If LM = 52 cm, find the value of x?

 $\Delta$  FGH is congruent to  $\Delta$  BNM· If the sum of the measures of < F and < H is 106 degrees, what is the degree measure of < N?

7.  $\triangle ABC \cong \triangle XYZ$  and the perimeter 8. of  $\Delta XYZ$  is 62 cm. If the sum of two sides of  $\triangle ABC$  is 48 cm, side of  $\triangle RST$  has the same what is the length of the third measure? side of  $\Delta XYZ$ ?

 $\Delta RST \cong \Delta ZXC$  with  $< R\cong < Z$  and  $< T \cong < C \cdot$  If ZC = 46 cm. which

**9.**  $\triangle$  PQR is congruent to  $\triangle$  ABC. If  $\triangle$  10.  $\triangle$  JKL  $\cong$   $\triangle$ XYZ and the perimeter the sum of the measures of < P and < R is 20 degrees, what is the degree measure of < B? what is the length of the third

of  $\Delta$ JKL is 440 cm· If the sum of two sides of  $\Delta XYZ$  is 240 cm, side of DJKL?

1.  $\triangle ASD \cong \triangle PQR$  and the perimeter 2. of  $\triangle PQR$  is 220 cm. If the sum of two sides of  $\triangle PQR$  is 150 cm, what is the length of the third side of  $\triangle PQR$ ?

 $\triangle CDE \cong \triangle VFR$  with  $CD\cong VF$  and CD=16X-6· If VF=80 cm, find the value of x?

**3.**  $\triangle$  ZAQ is congruent to  $\triangle$  XSW. If 4. the sum of the measures of < Zand < Q is 175 degrees, what is the degree measure of < 5?

 $\Delta XYZ \cong \Delta ABC$  and the perimeter of  $\triangle ABC$  is 65 cm. If the sum of two sides of  $\Delta XYZ$  is 40 cm, what is the length of the third side of AABC?

5.  $\triangle JKL \cong \triangle LMN$  with  $JK \cong LM$  and 6. JK=2X+2· If LM=72 cm, find the value of x?

 $\Delta$  FGH is congruent to  $\Delta$  BNM· If the sum of the measures of < F and < H is 108 degrees, what is the degree measure of < N?

7.  $\triangle ABC \cong \triangle XYZ$  and the perimeter 8. of  $\Delta XYZ$  is 82 cm. If the sum of two sides of  $\triangle ABC$  is 58 cm, side of  $\triangle RST$  has the same what is the length of the third measure? side of  $\Delta XYZ$ ?

 $\Delta RST \cong \Delta ZXC$  with  $< R\cong < Z$  and  $< T \cong < C \cdot$  If ZC = 36 cm. which

**9.**  $\triangle$  PQR is congruent to  $\triangle$  ABC. If  $\triangle$  10.  $\triangle$  JKL  $\cong$   $\triangle$ XYZ and the perimeter the sum of the measures of < P and < R is 40 degrees, what is the degree measure of < B? what is the length of the third

of  $\Delta JKL$  is 520 cm. If the sum of two sides of  $\Delta XYZ$  is 360 cm, side of DJKL?

**1.**  $\triangle ASD \cong \triangle PQR$  and the perimeter **2.**  $\triangle CDE \cong \triangle VFR$  with  $CD\cong VF$  and of  $\triangle PQR$  is 410 cm. If the sum of two sides of  $\triangle PQR$  is 230 cm. what is the length of the third side of  $\triangle PQR$ ?

CD=18X-2· If VF = 52 cm, find the value of x?

**3.**  $\triangle$  ZAQ is congruent to  $\triangle$  XSW. If 4. the sum of the measures of < Zand < Q is 125 degrees, what is the degree measure of < 5?

 $\Delta XYZ \cong \Delta ABC$  and the perimeter of  $\triangle ABC$  is 55 cm. If the sum of two sides of  $\triangle XYZ$  is 34 cm, what is the length of the third side of AABC?

**5.**  $\triangle JKL \cong \triangle LMN$  with  $JK \cong LM$  and 6. JK=8X+5· If LM = 45 cm, find the value of x?

 $\Delta$  FGH is congruent to  $\Delta$  BNM· If the sum of the measures of < F and < H is 100 degrees, what is the degree measure of < N?

**7.**  $\triangle ABC \cong \triangle XYZ$  and the perimeter 8. of  $\Delta XYZ$  is 72 cm. If the sum of two sides of  $\triangle ABC$  is 38 cm, side of  $\triangle RST$  has the same what is the length of the third measure? side of  $\Delta XYZ$ ?

 $\Delta RST \cong \Delta ZXC$  with  $< R\cong < Z$  and  $< T \cong < C \cdot$  If ZC = 56 cm. which

**9.**  $\Delta$  PQR is congruent to  $\Delta$  ABC. If 10.  $\Delta$ JKL  $\cong$   $\Delta$ XYZ and the perimeter the sum of the measures of < P and < R is 60 degrees, what is the degree measure of < B? what is the length of the third

of  $\Delta JKL$  is 610 cm. If the sum of two sides of  $\Delta XYZ$  is 490 cm, side of DJKL?

1.  $\triangle ASD \cong \triangle PQR$  and the perimeter 2. of  $\triangle PQR$  is 620 cm. If the sum of two sides of  $\triangle PQR$  is 512 cm, what is the length of the third side of  $\triangle PQR$ ?

 $\triangle CDE \cong \triangle VFR$  with  $CD\cong VF$  and CD=10X-5· If VF = 55 cm, find the value of x?

**3.**  $\triangle$  ZAQ is congruent to  $\triangle$  XSW. If 4. the sum of the measures of < Zand < Q is 155 degrees, what is the degree measure of < 5?

 $\Delta XYZ \cong \Delta ABC$  and the perimeter of  $\triangle ABC$  is 84 cm. If the sum of two sides of  $\triangle XYZ$  is 34 cm, what is the length of the third side of AABC?

5.  $\triangle JKL \cong \triangle LMN$  with  $JK \cong LM$  and 6. JK=7X+3· If LM=45 cm, find the value of x?

 $\Delta$  FGH is congruent to  $\Delta$  BNM· If the sum of the measures of < F and < H is 110 degrees, what is the degree measure of < N?

7.  $\triangle ABC \cong \triangle XYZ$  and the perimeter 8. of  $\Delta XYZ$  is 80 cm. If the sum of two sides of  $\triangle ABC$  is 62 cm, what is the length of the third side of  $\Delta XYZ$ ?

 $\triangle ABD \cong \triangle ZXC$  with  $< A \cong < Z$  and  $< D \cong < C \cdot$  If ZC = 72 cm, which side of  $\triangle ABD$  has the same measure?

**9.**  $\triangle$  PQR is congruent to  $\triangle$  ABC. If  $\triangle$  10.  $\triangle$  JKL  $\cong$   $\triangle$ XYZ and the perimeter the sum of the measures of < P and < R is 90 degrees, what is of two sides of  $\Delta XYZ$  is 560 cm, the degree measure of < B?

of  $\Delta JKL$  is 720 cm. If the sum what is the length of the third side of DJKL?

1.  $\triangle ASD \cong \triangle PQR$  and the perimeter 2. of  $\triangle PQR$  is 840 cm. If the sum of two sides of  $\triangle PQR$  is 490 cm, what is the length of the third side of  $\triangle PQR$ ?

 $\triangle CDE \cong \triangle VFR$  with  $CD\cong VF$  and CD=15X-6· If VF=69 cm, find the value of x?

**3.**  $\triangle$  ZAQ is congruent to  $\triangle$  XSW. If 4. the sum of the measures of < Zand < Q is 145 degrees, what is the degree measure of < 5?

 $\Delta XYZ \cong \Delta ABC$  and the perimeter of  $\triangle ABC$  is 94 cm. If the sum of two sides of  $\Delta XYZ$  is 70 cm. what is the length of the third side of NABC?

**5.**  $\triangle JKL \cong \triangle LMN$  with  $JK\cong LM$  and 6. JK=9X+4· If LM = 58 cm, find the value of x?

 $\Delta$  FGH is congruent to  $\Delta$  BNM· If the sum of the measures of < F and < H is 145 degrees, what is the degree measure of < N?

7.  $\triangle ABC \cong \triangle XYZ$  and the perimeter 8. of  $\Delta XYZ$  is 71 cm. If the sum of two sides of  $\triangle ABC$  is 34 cm, what is the length of the third side of  $\Delta XYZ$ ?

 $\Delta WUY \cong \Delta ZXC$  with  $< W\cong < Z$ and  $\langle y \cong \langle C \rangle$  If ZC = 60 cm, which side of  $\Delta RST$  has the same measure?

**9.**  $\triangle$  PQR is congruent to  $\triangle$  ABC. If  $\triangle$  10.  $\triangle$  JKL  $\cong$   $\triangle$ XYZ and the perimeter the sum of the measures of < P and < R is 135 degrees, what is the degree measure of < B?

of  $\Delta$ JKL is 800 cm. If the sum of two sides of  $\Delta XYZ$  is 605 cm, what is the length of the third side of AJKL?