Angles of Triangles
Review Activity!

Name: _____

Date: _____ **Per:** _____

Directions: Read and solve the problem, showing all work on this paper. Check your answer by scanning the QR code.

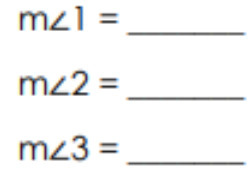
1

m∠1 = _____

m∠2 = _____

m∠3 = _____

2

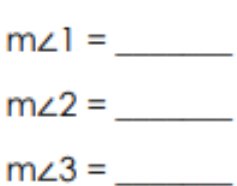


m∠1 = _____ m∠4 = _____

m∠2 = _____ m∠5 = _____

m∠3 = _____ m∠6 = _____

3

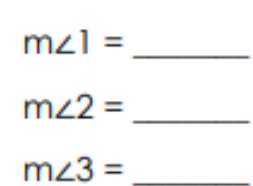


m∠1 = _____

m∠2 = _____

m∠3 = _____

4

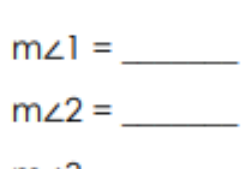


m∠1 = _____ m∠4 = _____

m∠2 = _____ m∠5 = _____

m∠3 = _____

5

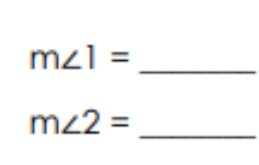


m∠1 = _____

m∠2 = _____

m∠3 = _____

6

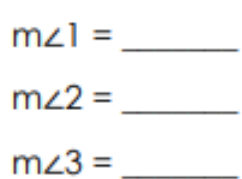


m∠1 = _____

m∠2 = _____

m∠3 = _____

7



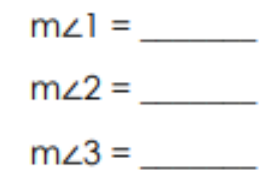
m∠1 = _____

m∠2 = _____

m∠3 = _____

m∠4 = _____

8



m∠1 = _____ m∠5 = _____

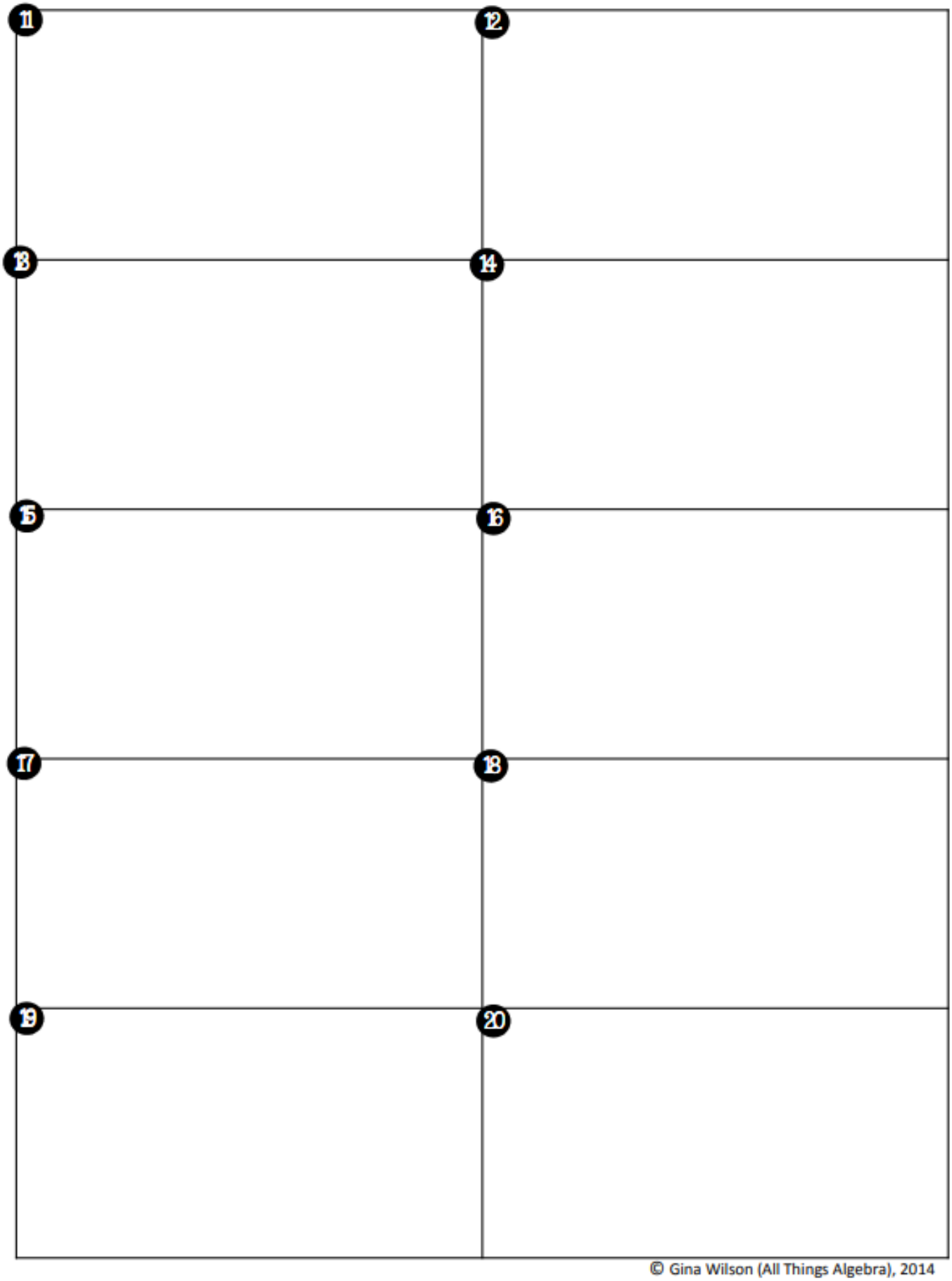
m∠2 = _____ m∠6 = _____

m∠3 = _____ m∠7 = _____

m∠4 = _____ m∠8 = _____

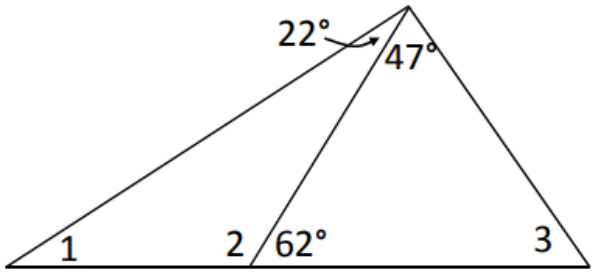
9

10



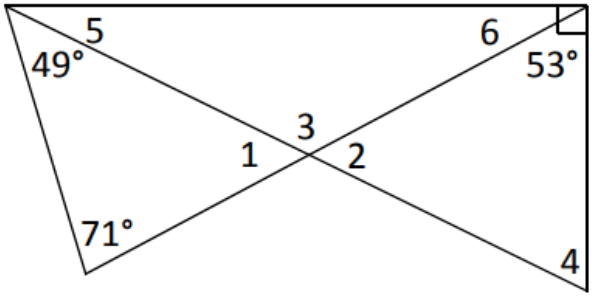
1

Find the measure of each numbered angle:



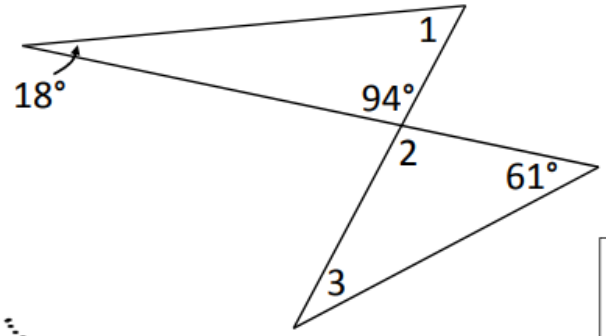
2

Find the measure of each numbered angle:



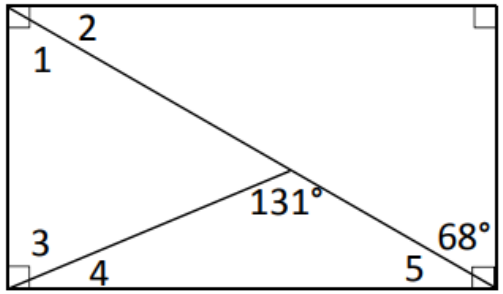
3

Find the measure of each numbered angle:

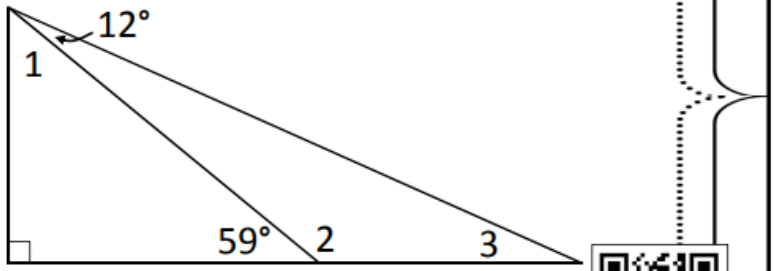


4

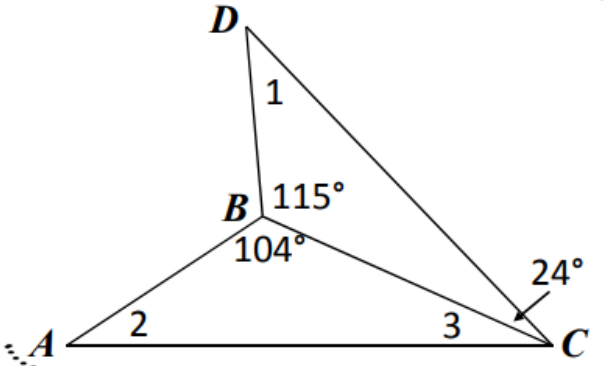
Find the measure of each numbered angle:



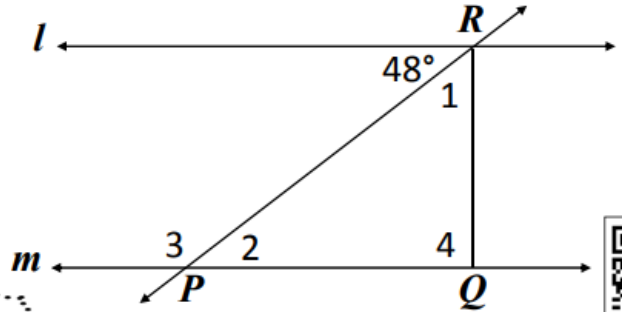
5 Find the measuresof each numbered angle:



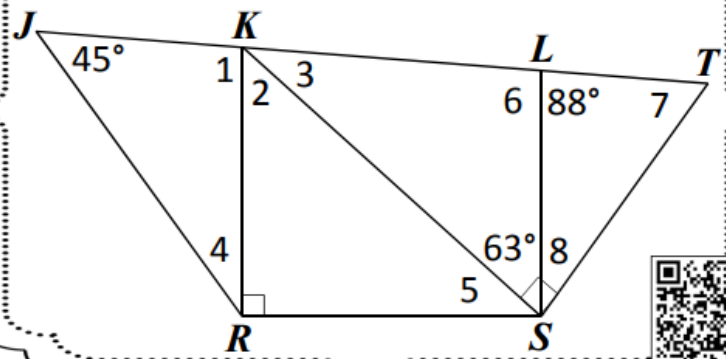
6 If $\overline{BG}$ bisects $\angle DCA$, find the measure of each numbered angle.



7 If $l \parallel m$ and $\overline{RQ} \perp \overline{PQ}$, find the measure of each numbered angle.

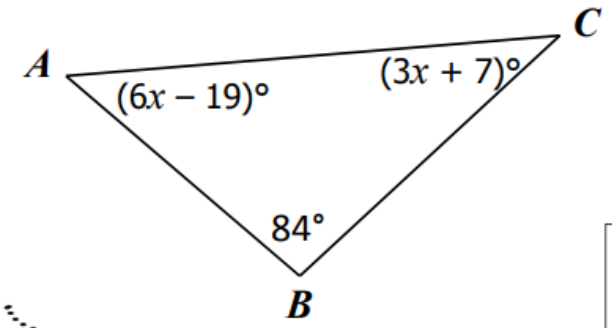


8 If $\overline{KR} \parallel \overline{LS}$, find the measure of each numbered angle.



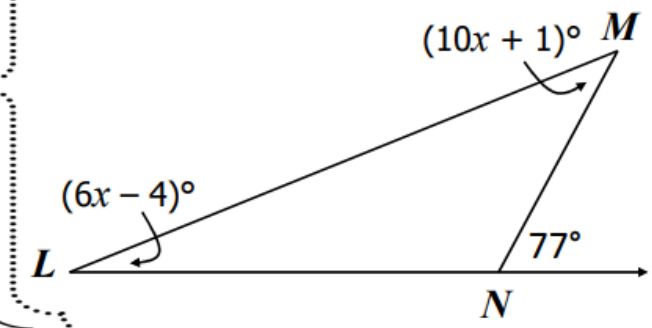
9

Find the value of x in the triangle below:



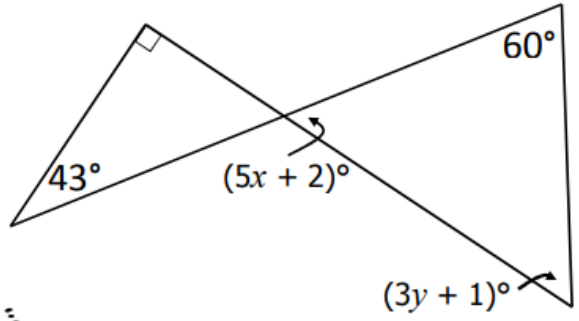
10

Find the value of x in the triangle below:



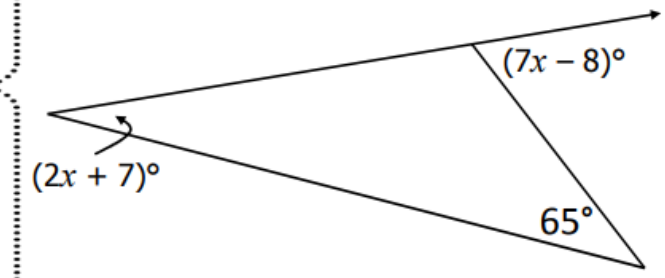
11

Find the value of x and y in the triangles below:



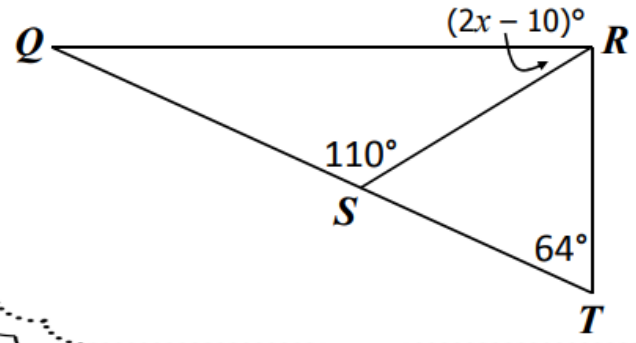
12

Find the value of x in the triangle below:



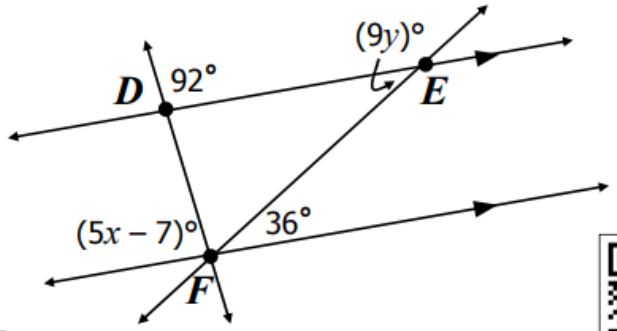
13

If $\overline{QR} \perp \overline{RT}$, find the value of x.



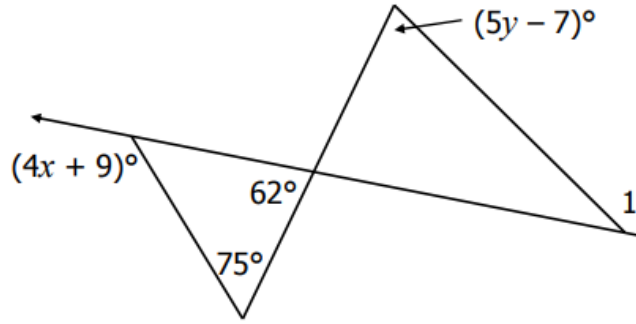
14

Find the values of x and y, then find the measure of ∠DFE.



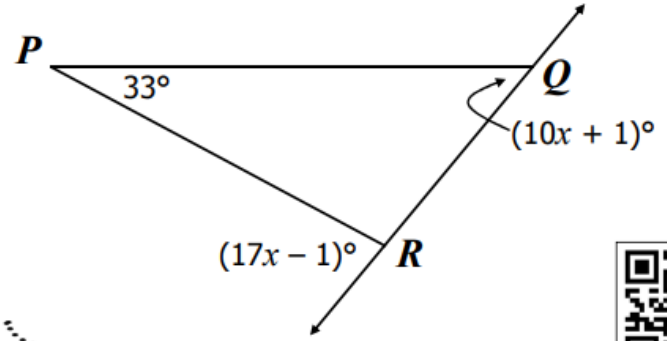
15

Find the value of x and y in the triangles below:



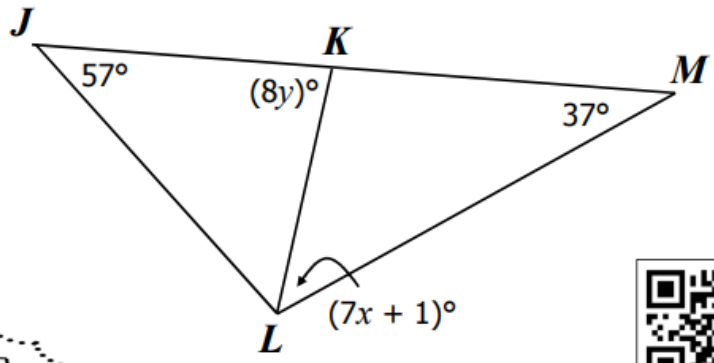
16

Find the measures of ∠PQR and ∠PRQ in the triangle below.



17

If $\overline{KL}$ bisects ∠JLM, find the values of x and y below.



18

In ΔABC, if m∠A = 3x – 7, m∠B = 9x – 2, and m∠C = x + 7, find the measures of each angle.

19

In ΔDEF, if m∠D is 14 less than m∠F and m∠E is 10 more than twice m∠F, find the measures of each angle.

20

In ΔWXY, if m∠W is five less than three times m∠Y and m∠X is 8 more than m∠W, find the measures of each angle.