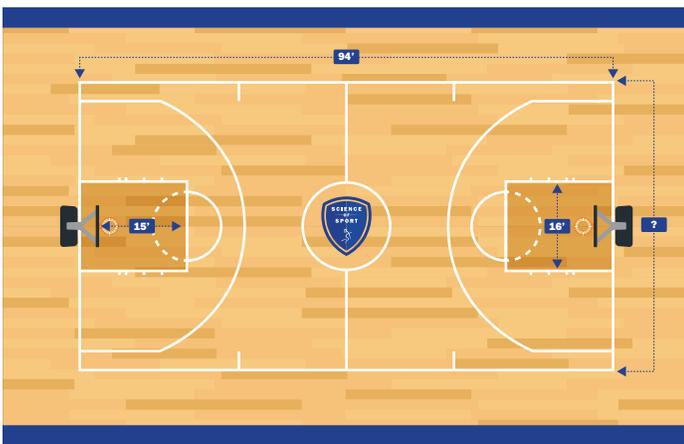# JERSEY NUMBERS

*Design and color your own jersey and add numbers
of five Mavericks players*

COURT
GEOMETRY

Find the length of the missing sides

**If the perimeter of the basketball court is 288 feet, and
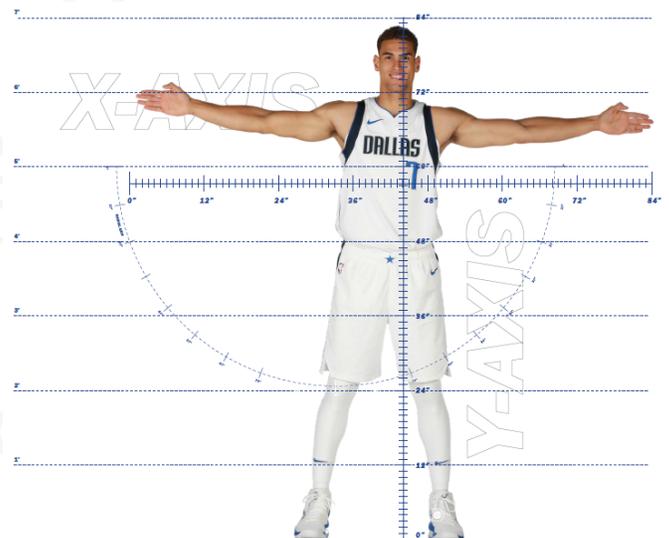the court is 94 feet long on each side, how many feet
wide is the court?**

94'

15'

16'   ?

Answer: _____ feet

UNIT
CONVERSION

Convert feet to inches

If Dwight is 6' 10'' tall, how many inches tall is he?

Answer: _____ inches

SCORE PREDICTION

What is your prediction for the halftime score? How far off were you?

Step 1: Before the game begins, predict how many points the Mavs and their opponent will score during the first half.
Step 2: Compare your predicted score to the actual score at the end of the second half and calculate the difference.

	Score Prediction	Actual Score End of 2nd Quarter	Difference = Score Prediction - Actual Score
MAVERICKS			
OPPONENT			

DID YOU KNOW?

50°
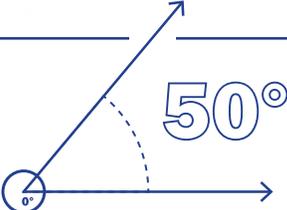
For a free throw, the ideal shooting angle is approximately **50 degrees.** The ideal angle may change based on distance of the shot and height of the player.

SHOT TALLY

During the first half of the game only, fill in the dots for the total number of 3-point shots and free throws made and missed by the Mavericks. At the end of the first half, calculate the shot percentage.

3 POINTERS

MADE	MISSED	SHOT %
○○○○○○○ ○○○○○○○	○○○○○○○ ○○○○○○○	Made / (Made + Missed) x 100
TOTAL =	TOTAL =	% MADE =

FREE THROWS

MADE	MISSED	SHOT %
○○○○○○○ ○○○○○○○	○○○○○○○ ○○○○○○○	Made / (Made + Missed) x 100
TOTAL =	TOTAL =	% MADE =

5 Shooting Factors

DEPTH PERCEPTION	FORCE	VELOCITY	ROTATION	TRAJECTORY
The ability to perceive the relative distance of objects	*Strength or energy as an attribute of physical action or movement*	*The speed of something in a given direction*	*The action of rotating around an axis or center*	*The path followed by a projectile flying or an object moving under the action of a given force*