



Name: _____ Class: _____

Distributing Success

CREATE EQUATIONS THAT REPRESENTS THE OVERALL STATS FOR EACH PLAYER, USING DISTRIBUTION



1

JANICE SCORED 12 POINTS, GRABBED 3 REBOUNDS, & MADE 5 ASSISTS. SHE HAD THE SAME STATS FOR TWO GAMES.

# Of Games	Points Scored	Rebound Grabbed	Assists Made	
↓	↓	↓	↓	

$$2 [12P + 3R + 5A] \rightarrow 2 [12P + 3R + 5A] = 24P + 6R + 10A$$

2

SEFA SCORED 15 POINTS, GRABBED 5 REBOUNDS, & MADE 10 ASSISTS. SHE DID THIS FOR 3 GAMES IN A ROW

# Of Games	Points Scored	Rebound Grabbed	Assists Made	
↓	↓	↓	↓	

$$- [_ P + _ R + _ A] \rightarrow - [_ P + _ R + _ A] = _ P + _ R + _ A$$

3

OXLEY SCORES 11 POINTS, GRABBED 10 REBOUNDS, & MADE 12 ASSISTS. HE DID THIS FOR 5 GAMES IN A ROW

$$\underline{\hspace{2cm}} \rightarrow \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$