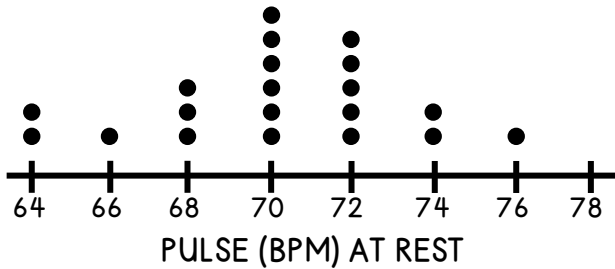


# INTERPRETING DATA FROM DOT PLOTS

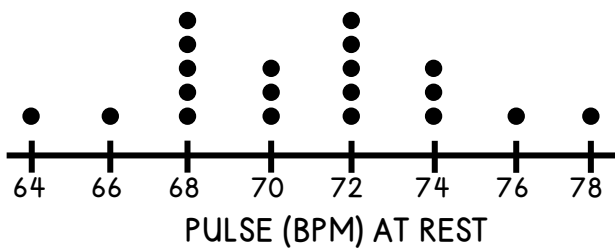
Cut the cards apart. Then, glue the cards next to the correct set of dot plots.

- 1** A nurse measures and records the pulse of her patients on two different days.

MONDAY'S PATIENTS



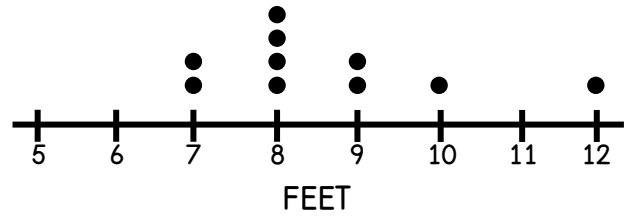
TUESDAY'S PATIENTS



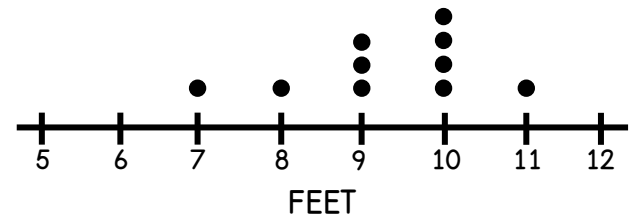
[PASTE TRUE STATEMENTS HERE]

- 2** Two friends measure the distance each racecar travels over ten trials.

LYDIA'S RACECAR



JONAH'S RACECAR



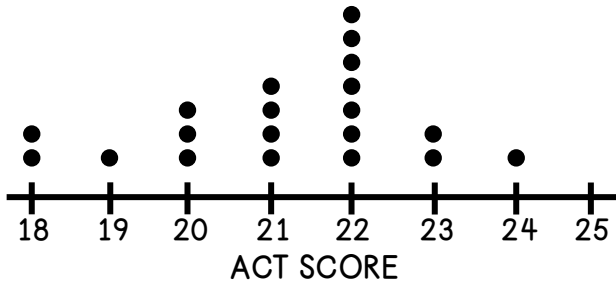
[PASTE TRUE STATEMENTS HERE]

Cut the cards apart. Then, glue the cards next to the correct set of dot plots.

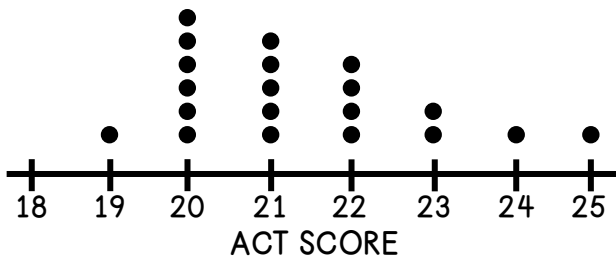
**3**

Two different ACT prep classes record the results of their students' exams.

TEST PREP EXTREME



ACT ACADEMY

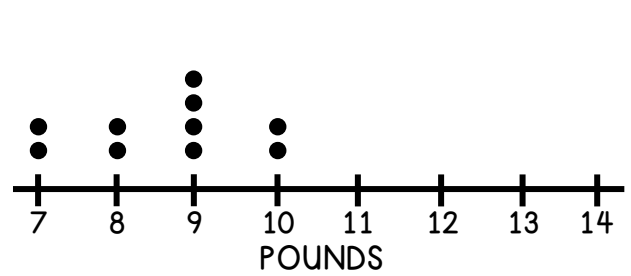


[PASTE TRUE STATEMENTS HERE]

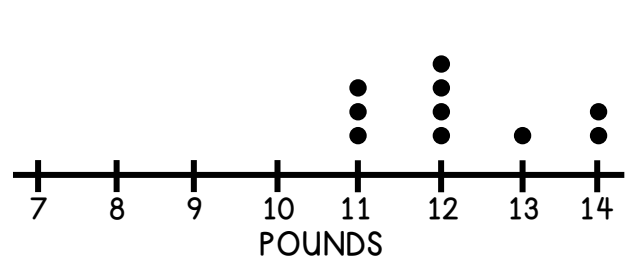
**4**

A veterinarian weighs the ten puppies and cats in his clinic.

CATS



PUPPIES



[PASTE TRUE STATEMENTS HERE]

## PATIENTS

A Monday's patients had a median of 70 bpm.	B Tuesday's patients had a median of 71 bpm.	C The data for Monday and Tuesday's patients are approximately symmetrical.
D The range for Tuesday's patients is greater than the range for Monday's patients.	E The difference in centers of the two data sets is 4 bpm.	F Patients on Monday had a higher bpm.

## RACECARS

G Lydia's racecar traveled an average of 8.6 feet.	H Jonah's racecar traveled an average of 10 feet.	I There is slightly less variability in the distance that Jonah's car traveled.
J The difference in centers of the two data sets is 0.7 feet.	K The mean average deviation that Jonah's racecar traveled was 0.9 feet.	L The mean average deviation that Lydia's racecar traveled was 1.2 feet.

## ACT SCORES

M Test Prep Extreme had a median score of 21.5.	N The data from Test Prep Extreme is skewed right.	O The range for Test Prep Extreme's scores is greater than the range for ACT Academy's scores.
P ACT Academy had a median score of 21.	Q The range for Test Prep Extreme's scores and ACT Academy's scores are the same.	R The data from ACT Academy is skewed right.

## VETERINARIAN

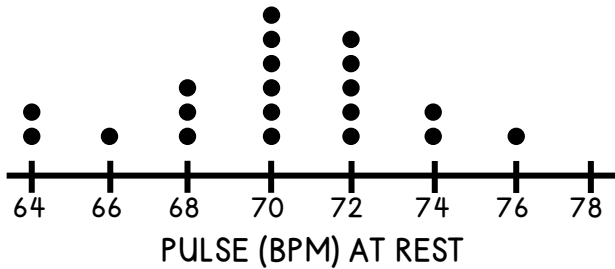
S The puppies' median weight was 3 pounds heavier than the cats' median weight.	T The cats had an average weight of 8.8 pounds.	U The puppies had an average weight of 12.2 pounds.
V The difference in centers of the two data sets is 3.6 pounds.	W The mean average deviation of the weight of the puppies is 0.88 pounds.	X There is slightly more variability in the weight of the puppies than the weight of the cats.

## INTERPRETING DATA FROM DOT PLOTS

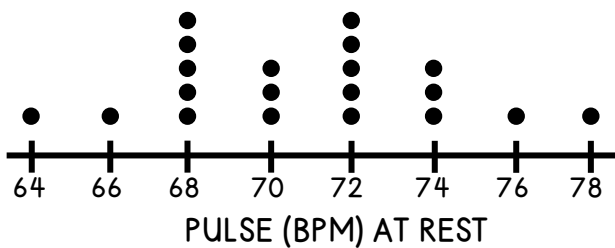
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- 1** A nurse measures and records the pulse of her patients on two different days.

MONDAY'S PATIENTS



TUESDAY'S PATIENTS



A

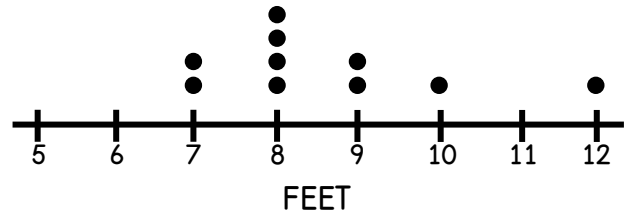
B

C

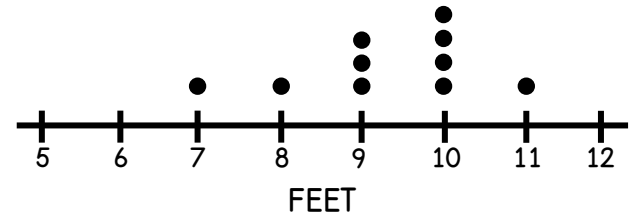
D

- 2** Two friends measure the distance each racecar travels over ten trials.

LYDIA'S RACECAR



JONAH'S RACECAR



G

I

K

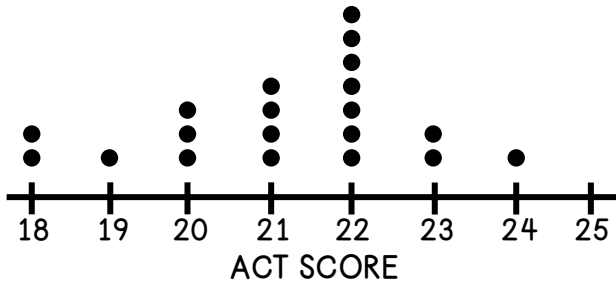
J

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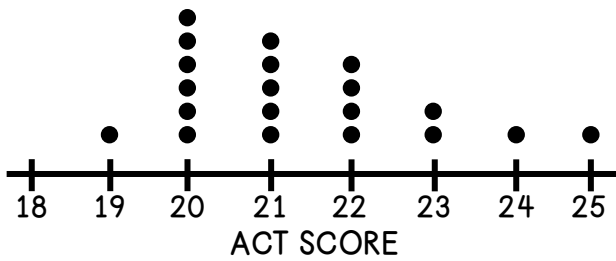
**3**

Two different ACT prep classes record the results of their students' exams.

TEST PREP EXTREME



ACT ACADEMY



M

P

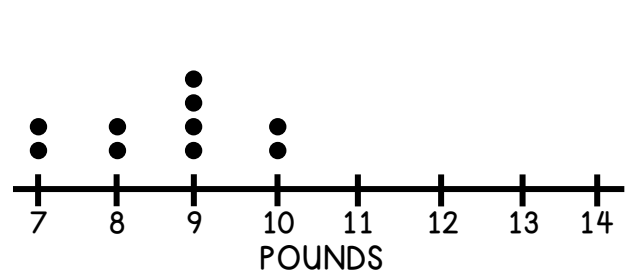
Q

R

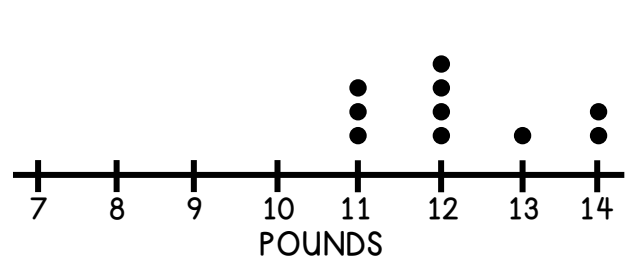
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CATS



PUPPIES



S

U

V

W