



ORDERING RATIONAL NUMBERS

ANSWER KEY

EXTENDED LEARNING

1. The Houston Texans 2020 draft class demonstrated their abilities at the NFL Combine. The players' times for the 40-yard dash are listed in the table.

PLAYER	TIME (SECONDS)
Ross Blacklock	4.90
Jonathan Greenard	4.87
Charlie Heck	5.16
John Reid	4.49
Isaiah Coulter	4.45

Place the players in order from fastest to slowest.

Coulter
Reid
Greenard
Blacklock
Heck

2. The *Ball Possession and Drive Chart* includes the number of yards gained for each ball possession. In the 2019 Week 7 Houston Texans vs Indianapolis Colts game at Lucas Oil Stadium, the yards gained for each play are listed below. If yards were lost during a play, the number is recorded as a negative number.

POSSESSION	1	2	3	4	5	6	7	8	9	10	11
YARDS GAINED	37	28	31	-9	67	75	22	48	79	-4	17

Order the number of yards gained from greatest to least.

79, 75, 67, 48, 37, 31, 28, 22, 17, -4, -9



The Stats Challenge curriculum was developed by educators at Region 4 in conjunction with the Houston Texans



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3. Each game the average number of yards gained for pass receiving is reported for all players. If yards are lost during a play, the number is recorded as a negative number. The table lists the average number of yards gained for the Houston Texans in the 2019 Week 1 Houston Texans vs New Orleans Saints game.

PLAYER	AVERAGE YARDS GAINED
Will Fuller	34.5
DeAndre Hopkins	13.9
Duke Johnson	8.3
Kenny Stills	12.3
Lamar Miller	-1.0
Carlos Hyde	2.0
DeAndre Carter	-1.0
Darren Fells	0.0
Jordan Akins	17.0

Order the average number of yards gained from least to greatest.

-1.0, -1.0, 0.0, 2.0, 8.3, 12.3, 13.9, 17.0, 34.5

ENRICHMENT

The Ball Possession and Drive Chart also includes the net yards that the team has gained or lost at the end of each possession. Study the chart on one of the stats sheets. How is the net yards value different than the yards gain value? Which possession had the greatest net gain of yards? Which possession had the least net gain of yards?

TERMINOLOGY

Each February, hundreds of the very best college football players are invited to the NFL Scouting Combine, where executives, coaches, scouts, and doctors from all 32 NFL teams conduct an intense, four-day job interview with physical and mental tests in advance of the NFL draft.



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