**Year 6 Rounding Decimals work** 

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Sarah's results			
Event Distance or time			
Long jump	1.214 metres		
25 m swim	47.329 seconds		
50 m sprint	14.891 seconds		
Javelin	41.676 metres		

Emma's results		
Event Distance or time		
Long jump	1.864 metres	
25 m swim	41.752 seconds	
50 m sprint	14.587 seconds	
Javelin	37.919 metres	

Emily's results		
Event Distance or time		
Long jump	1.124 m	
25 m swim 38.586 seconds		
50 m sprint	12.625 seconds	
Javelin	34.817 metres	

Jack's results		
Event	Distance or time	
Long jump	0.938 m	
25 m swim	40.643 seconds	
50 m sprint	15.262 seconds	
Javelin	45.698 metres	

Ryan's results		
Event	Distance or time	
Long jump	1.579 m	
25 m swim 40.482 seconds		
50 m sprint	12.893 seconds	
Javelin	45.421 metres	

Ted's results		
Event Distance or time		
Long jump	1.421 m	
25 m swim	38.433 seconds	
50 m sprint	13.152 seconds	
Javelin	49.278 metres	

Look at each athlete's scorecard.

Write their results into the tables below.

<u>Choose one or two events</u> to compare the athletes' scores.

Event:				
Name	Distance/time	Distance/time rounded to nearest whole number	Distance/time rounded to nearest tenth	Distance/time rounded to nearest hundredth

Which athlete won this event? Highlight their score.

Some of the athletes think it isn't fair to round the scores. Who do you think feels this way and why?

Event:				
Name	Distance/time	Distance/time rounded to nearest whole number	Distance/time rounded to nearest tenth	Distance/time rounded to nearest hundredth

What have you found out about this event?

Who wins the race? The person with the fastest score or the slowest? Which is the fastest score? How do you know?

Is this work too easy? Do you need to change your challenge? Highlight the winners in each event.

In a different competition, Ryan's Distance in Frisbee throwing was rounded to 12

metres. What is the lowest Distance he could have thrown to 2 decimal places? What is

the highest Distance he could have thrown?