

## • 7th Grade Cardboard Car Races •

All cars must have a car body and not weigh more than 60 grams.  
Glue may not be used as weight, only your extra cardboard or mat board.

Your 4 Best Races = 80% of Racing Grade

Total Distance = 20% of Racing Grade

30'	to	50' +	= 22 pts	A++ (Bonus)	100'	+	=	20 pts
25'	to	29' 11"	= 20 pts	A+	90'	+	=	19 pts
20'	to	24' 11"	= 19 pts	A	80'	+	=	18 pts
18'	to	19' 11"	= 18 pts	A-	70'	+	=	17 pts
17'	to	17' 11"	= 17 pts	B	60'	+	=	16 pts
16'	to	16' 11"	= 16 pts	B-	50'	+	=	15 pts
15'	to	15' 11"	= 15 pts	C	40'	+	=	13 pts
14'	to	14' 11"	= 14 pts	C-	00'	+	=	10 pts
13'	to	13' 11"	= 13 pts	D				
10'	to	12' 11"	= 12 pts	D-				
05'	to	09' 11"	= 10 pts	E				
00'	to	04' 11"	= 05 pts	F				

Example: Student races 9 total times. Races 1, 2, 5, & 9 are their 4 Best. Calculate points for each of the 4 best races. Add those four races to get a total distance. Calculate total Grade.

<b>Race 1</b>	18' 11"	=	18 pts	18' 11"
<b>Race 2</b>	17' 08"	=	17 pts	17' 08"
Race 3	09' 02"			
Race 4	16' 09"			
<b>Race 5</b>	25' 01"	=	20 pts	25' 01"
Race 6	17' 07"			
Race 7	11' 05"			
Race 8	15' 05"			
<b>Race 9</b>	31' 08"	=	22 pts	31' 08"

**Total of 4 Best Races** = **77 pts**      **91' 28"** (**93' 04"**) Look up at the top right to see where your total of 4 Best Races fits. It's 90' + or an additional 19 pts.

**Total Distance** = **19 pts**

**Overall Total Grade** = **96 pts = A Grade for Cardboard Car Races**