

Warm Up: Pre-Calc

1/23

18. For which of the following conditions will the sum of integers m and n *always* be an odd integer?
- F. m is an odd integer.
 - G. n is an odd integer.
 - H. m and n are both odd integers.
 - J. m and n are both even integers.
 - K. m is an odd integer and n is an even integer.

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7. The expression $a[(b - c) + d]$ is equivalent to:
- A. $ab + ac + ad$
 - B. $ab - ac + d$
 - C. $ab - ac + ad$
 - D. $ab - c + d$
 - E. $a - c + d$

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32. For all pairs of real numbers S and T where $S = 4T - 7$,

$$T = ?$$

F. $\frac{S}{4} - 7$

G. $\frac{S}{4} + 7$

H. $4S + 7$

J. $\frac{S - 7}{4}$

K. $\frac{S + 7}{4}$

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W.A.L.T.:

Day 3

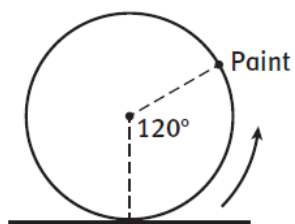
Solve some math problems

W.A.S.I.:

We can make sense out of problems and persevere in solving them.

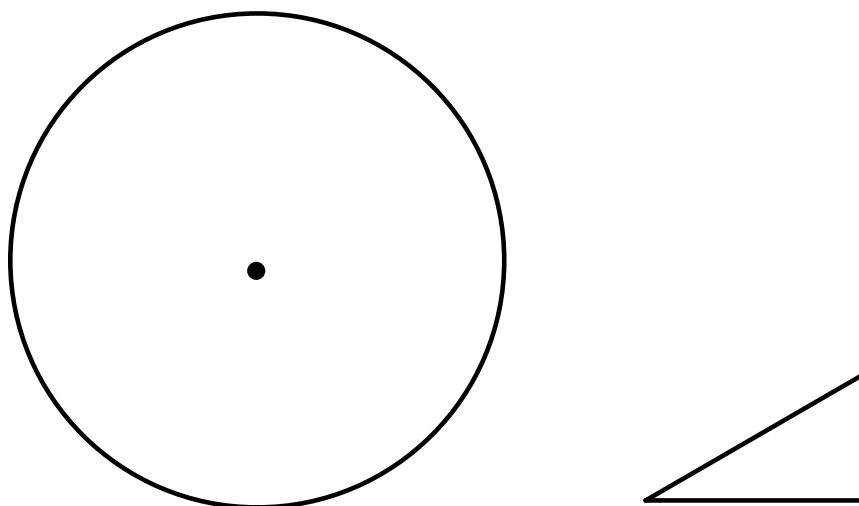
Mar 7-9:45 AM

5. A more accurate graph would give a better approximation of the time you found in Item 4.
- a. How many seconds after hitting the wet stripe will the paint spot first be in this position on the front wheel?



- b. **Make use of structure.** Explain how special right triangles can be used to find the height of the paint spot.

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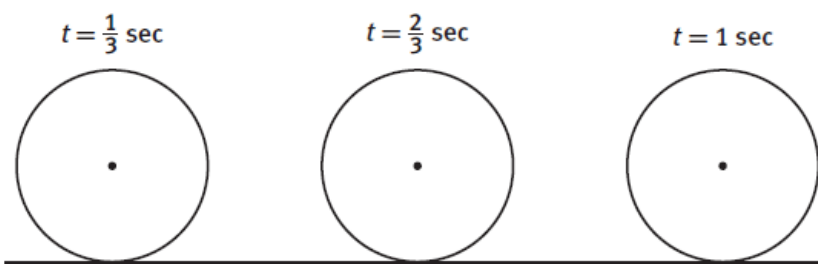


Jan 23-11:13 AM

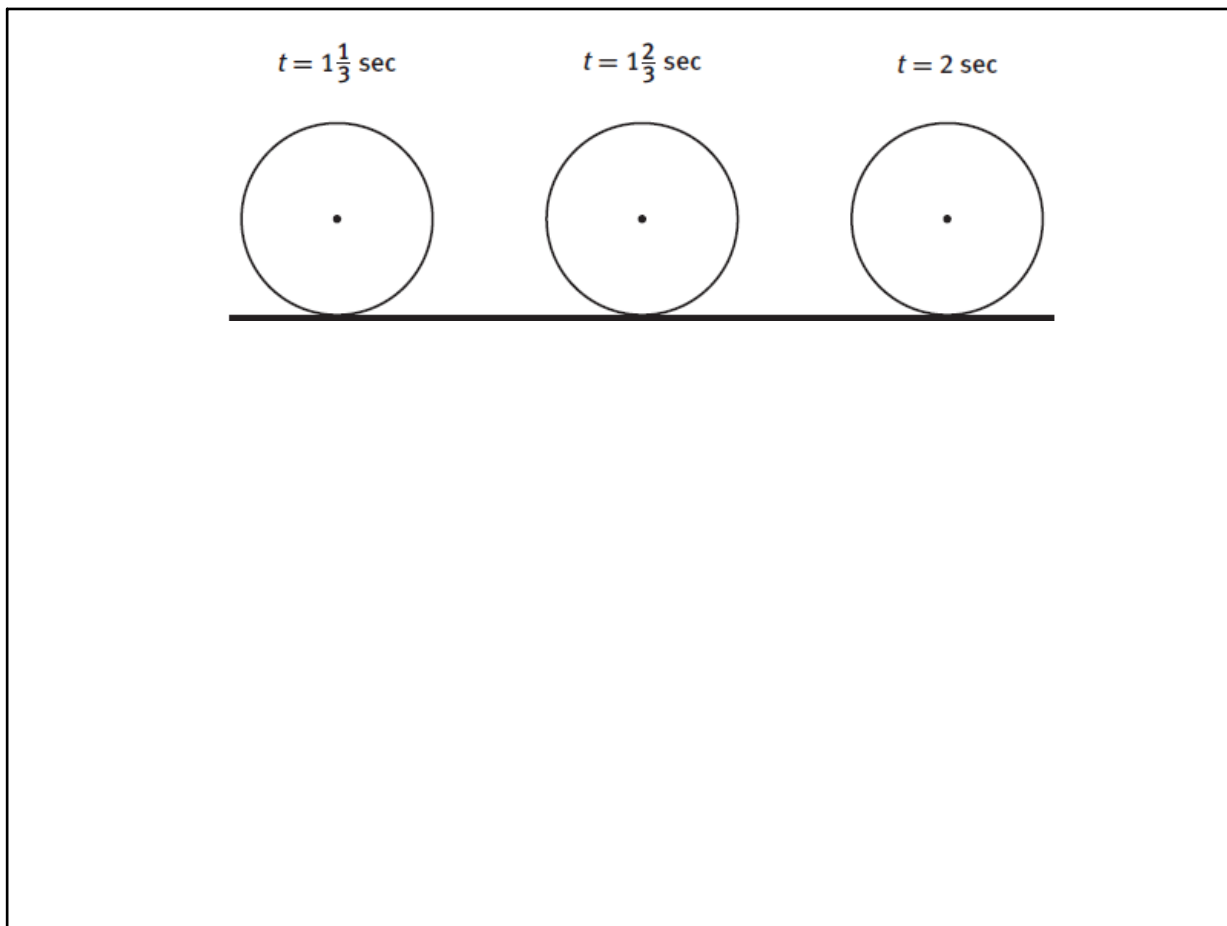
- c. Find the height of the paint spot to the nearest tenth of an inch.
- d. Is there any other instance during the first revolution of the wheel where the paint spot is at this same height? How long after hitting the stripe does this happen?

Jan 3-10:30 AM

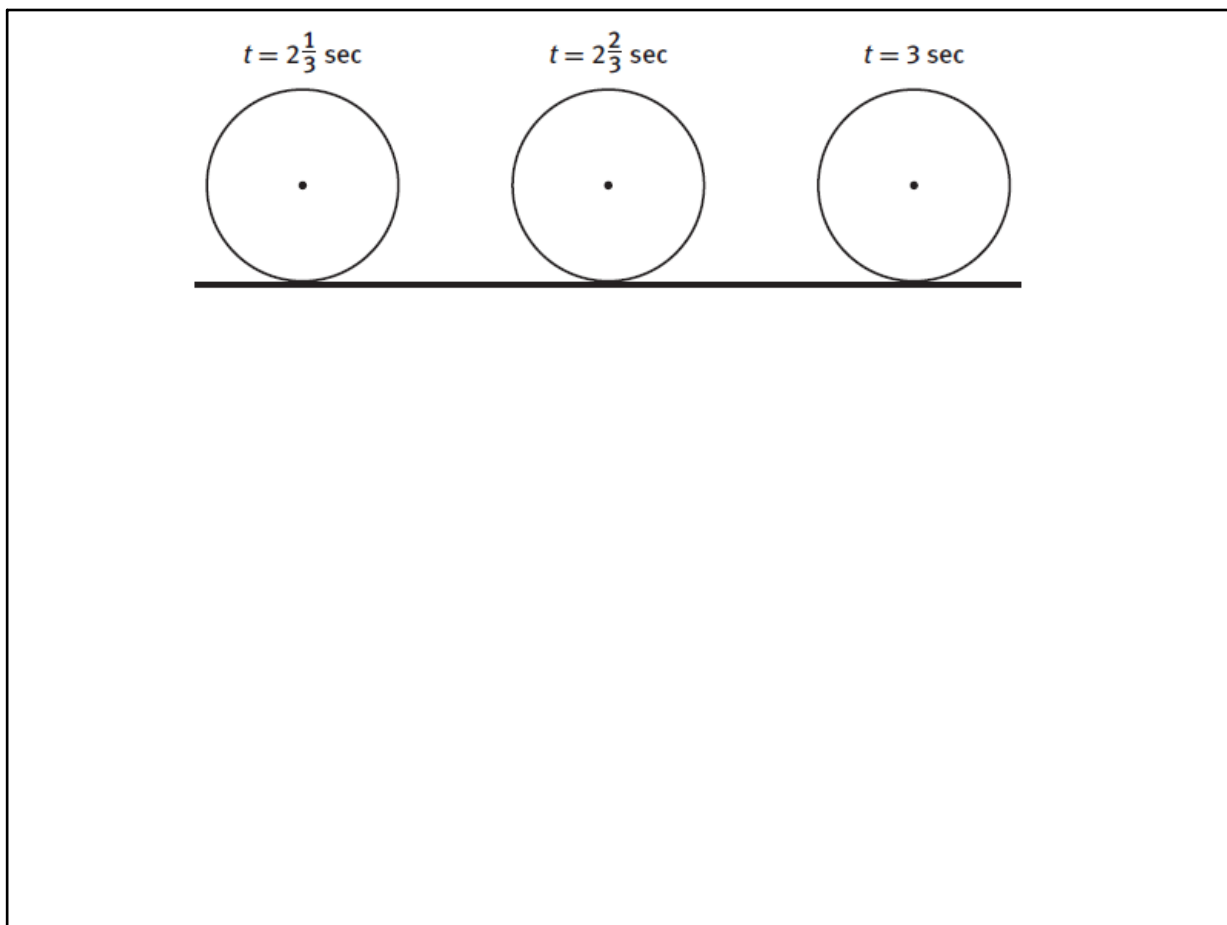
- e. For each value of t , draw a central angle with a vertical initial side showing the position of the paint spot and the angle of rotation since passing the stripe. Then determine the height of the paint spot to the nearest tenth of an inch. Assume the wheel spins counterclockwise as Stacy rides.



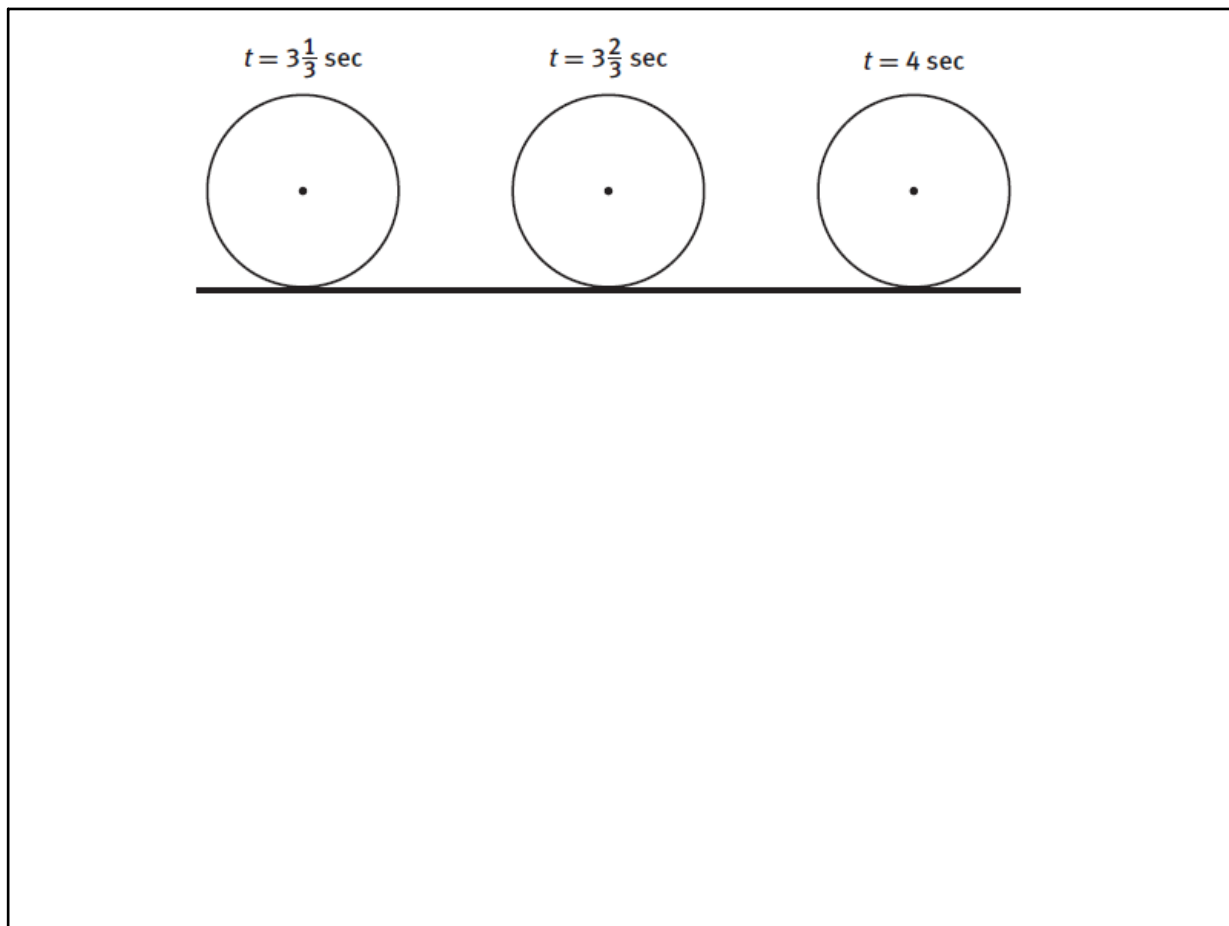
Jan 4-10:27 AM



Jan 4-10:27 AM



Jan 4-10:27 AM



Jan 4-10:27 AM

Today's Activities:

- Finally Finish Activity 15 - 1

P.W. for tonight:

- Finish pg. 199 #1 - 5

Day 4

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