

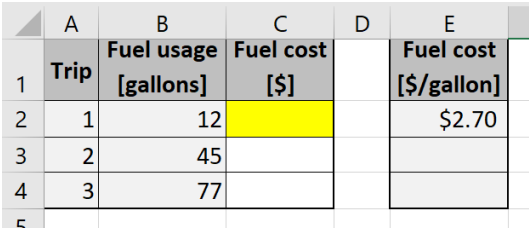
Name \_\_\_\_\_yolanda\_\_chen\_\_\_\_\_Section \_\_\_\_\_Date \_8/26\_\_\_\_\_  
 Collaborators \_\_\_\_\_

**Online Modules:** You should watch the Excel 1 Online Modules before doing this activity. Save your answers as a pdf and upload it to the Gradescope link found on your Brightspace course page.

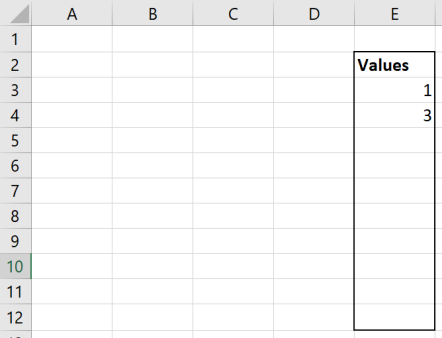
### Video and resources: Syllabus Brightspace and In Class Slides

Q	Question text	Answer	
1	How many total points are possible in this course?	1000	
2	How many points is this assignment worth?	15	
3	Am I expected to log into class during the normal class hours?	Yes	
4	How many homework assignments are dropped	2	
5	What is the email of my professor?	oakes@purdue.edu	
		Answer choices	Answer
6	Which best describes when the midterm exam is conducted for this course?	a. There is one midterm and it's on October 31 <sup>st</sup> and it has a Halloween theme  b. There are two mid-term exams worth 50% of the total grade but have not been scheduled yet. They will be announced next week when they are formally scheduled.  c. There are two mid-term exams and the professors will spring them on us when they feel like it  d. There is no formal midterm exam and instead there are quizzes each week that are either shorter (TYK – Test Your Knowledge) worth 20 points or larger ones (CQ - Conceptual Quizzes) that are worth 45 points.	d

## Excel: Simple Calculations

Q	Question text	Answer choices	answer
7	Which Excel formula matches the following equation: 40% of: $\frac{\pi \cdot (5 \cdot 33 + 15)}{2^3 \cdot 100}$	a. $.4 * \pi() * (5 * 33 + 15) / (2^3 * 100)$ b. $=40% * \pi() * (5 * 33 + 15) / (2^3 * 100)$ c. $=.4 * \pi * (5 * 33 + 15) / (2^3 * 100)$ d. $=40% * \pi() * (5 * 33 + 15) / ((2^3 * 100))$	c
8	Which of the following formulas should you type in <b>cell C2</b> to calculate the fuel cost for trip 1 that can also be copied into cells C3 and C4 to calculate the fuel cost for trips 2 and 3? Your formula must use cell referencing and the calculated value in cell C2 must update if the fuel cost in cell E2 changes or fuel usage in column B changes. 	a. $12 * 2.70$ b. $32.40$ c. $=\$E\$2 * B2$ d. $=E2 * B2$ e. $\$E2 * \$B2$	c

## Excel: Complex Calculations

Q	Question text	Answer choices	answer
9	Match the type of cell referencing with the correct example.	a. Absolute      1. $\$C9$ b. Relative      2. $\$C\$9$ c. Mixed      3. $C9$	a. 3 b. 1 c. 2
10	How can you create a column of data that always multiplies the last two values in the range E5:E12? 	a. Type the formula $=E\$3 * E4$ into cell E5, then copy into cells E6 – E12 b. Type the formula $=E\$3 \times E4$ into cell E5, then copy into cells E6 – E12 c. Select cells E3 and E4, then drag the solid square to cell E12 d. Type the formula $=E3 * E4$ into cell E5, then copy into cells E6 – E12 e. Type the formula $=E3 \times E4$ into cell E5, then copy into cells E6 – E12 f. Type the formula $E\$3 * E\$4$ into cell E5, then copy into cells E6 – E12 g.	d