1. In this spreadsheet, what will be returned from the formula =C4*E2?

(n/a)	A	B	C	D	E
1	95	37	1	6	27
2	5	0	49	31	5
3	78	2	6	2	3
4	6	30	10	62	40
5	42	7	21	9	10

   a.
   b. 2
   c. 5
   d. 15
   e. 50

2. Fill in the blank: A range is a collection of _____ cells.
   a. averaged
   b. numerically ordered
   c. duplicate
   d. two or more

3. What are some common focus areas when creating a scope of work as a data analyst? Select all that apply.
   a. Note when the client can expect reports
   b. Include key information about data validation
   c. Establish an agreed-upon outline of the work to be performed
   d. Make sure the data filtered and sorted

4. A junior data analyst encounters a spreadsheet error. They realize that their formula is referencing a row that has been deleted, so they correct the formula. What type of error did they resolve?
   a. REF
   b. ERROR or parsing error
   c. VALUE
   d. NUM

5. In this spreadsheet, which SUM function will add all of the values between cells E1 and F6?

(n/a)	A	B	C	D	E	F
1	636	290	9034	759	2365	634
2	210	534	931	442	854	56219
3	454	3641	7607	2452	3535	56099
4	895	97096	7636	1386	36347	4095
5	1211	3456	23142	283	131	2452
6	95685	14124	8797	3463	28568	356

    a. `=SUM(E1-F6)`
    b. `=SUM(E1:F6)`
    c. `=SUM(E1,F6)`
    d. `=SUM,E1+F6`

6. Which of the following statements accurately describe structured thinking and the problem domain? Select all that apply.
    a. Structured thinking enables data professionals to identify areas that need deeper investigation and understanding.
    b. The problem domain is the specific area of analysis that encompasses every activity affecting a problem.
    c. The starting place for structured thinking is the problem domain.
    d. The problem domain involves having a clear list of deliverables and a timeline for major tasks and activities.

7. In this spreadsheet, what should be done to correct the DIV error in cell D2?

(n/a)	A	B	C	D
1	68	7	404	0
2	892	0	73	#DIV/0!
3	0	528	599	0

    a. Search for the correct value in column A.
    b. Copy the formula to the rest of the cells in column D.
    c. Insert a comma between the cell ranges in the formula.
    d. Ensure the formula is not trying to divide by zero or an empty cell.

8. What is the formula for dividing the value in spreadsheet cell H7 by the value in cell H4?
    a. `=H7/4`
    b. `H7:H4`
    c. `=H7/H4`

d. `H7,H4=`