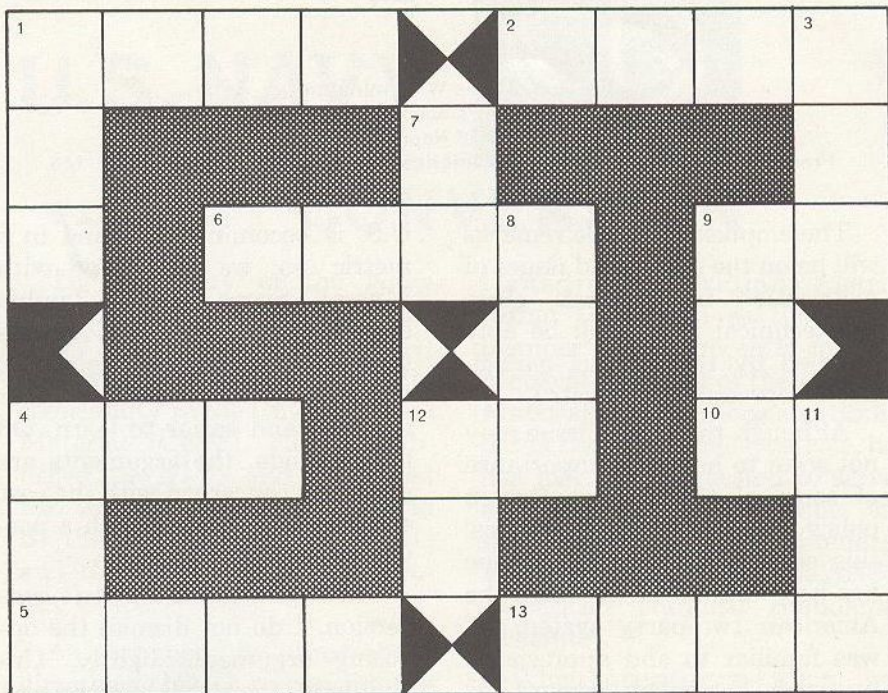


(SI) PUZZLE FOR STUDENTS no.1

Solve like a crossword puzzle except that numbers replace words. Be sure to express answers in the indicated units.



Puzzle courtesy University of Missouri - Rolla

ACROSS

1. $1.5\text{km} - 200\text{m} = \underline{\hspace{2cm}} \text{m}$
2. $4\text{m} + 25\text{mm} = \underline{\hspace{2cm}} \text{mm}$
4. $5\text{hm} - 200\text{m} = \underline{\hspace{2cm}} \text{m}$
5. $300\text{mm} \times 400\text{mm} = \underline{\hspace{2cm}} \text{cm}^2$
6. $8.4\text{km} - 7.6\text{dam} = \underline{\hspace{2cm}} \text{m}$
9. $100\text{dm} = \underline{\hspace{2cm}} \text{m}$
10. $1\text{hm} - 18\text{m} = \underline{\hspace{2cm}} \text{m}$
12. $5\text{m} \times 90\text{dm} = \underline{\hspace{2cm}} \text{m}^2$
13. $5\ 000\text{m} \times 300\text{km} = \underline{\hspace{2cm}} \text{km}^2$

DOWN

1. $100\text{mm} + 2.5\text{cm} = \underline{\hspace{2cm}} \text{mm}$
3. $500\text{cm} + 200\text{mm} = \underline{\hspace{2cm}} \text{cm}$
4. $30\text{cm} + 0.2\text{dm} + 1\text{mm} = \underline{\hspace{2cm}} \text{mm}$
7. $22\ 000\text{mm} - 10\text{m} = \underline{\hspace{2cm}} \text{m}$
8. $0.4\text{km} + 0.5\text{hm} + 5\text{m} = \underline{\hspace{2cm}} \text{m}$
9. $48\text{cm} + 1\ 000\text{mm} = \underline{\hspace{2cm}} \text{cm}$
11. $5\ 000\text{cm} \times 4\ 000\text{mm} = \underline{\hspace{2cm}} \text{m}^2$
12. $10\text{dm} - 600\text{mm} = \underline{\hspace{2cm}} \text{cm}$

NOTE: The prefixes hecto (h), deka (da), and deci (d), are not as commonly used as the others in the puzzle, but they are (SI).