Mount Multiply

Here is a fun game to play. The goal is to climb the 10 levels of Mount Multiply and reach the peak.

Materials: cards numbered 0-9

Rules:

- You have 10 tries to reach the peak.
- Ten numbers are given to you. For each number, pick a card from a deck of cards numbered 0-9 to find the multiplier.
- Multiply the given number by the one-digit multiplier.

If the product is less than 10,000, fall back one level.
If the product is between 10,000 and 25,000, climb one level.
If the product is greater than 25,000, climb 3 levels.

1. $4,678 \times _{ } = \underline{\hspace{2cm}}$
2. $1,228 \times _{ } = \underline{\hspace{2cm}}$

3. $5,302 \times _{ } = \underline{\hspace{2cm}}$
4. $3,916 \times _{ } = \underline{\hspace{2cm}}$

5. $2,570 \times _{ } = \underline{\hspace{2cm}}$
6. $7,005 \times _{ } = \underline{\hspace{2cm}}$

7. $1,483 \times _{ } = \underline{\hspace{2cm}}$
8. $8,132 \times _{ } = \underline{\hspace{2cm}}$

9. $3,413 \times _{ } = \underline{\hspace{2cm}}$
10. $4,064 \times _{ } = \underline{\hspace{2cm}}$

Did you make it to the peak of Mount Multiply? 

If not, write in multipliers that you would need to get to the peak.
If yes, decide if it is possible to use only these 10 multiplication problems to get to the 12th level if there was one.