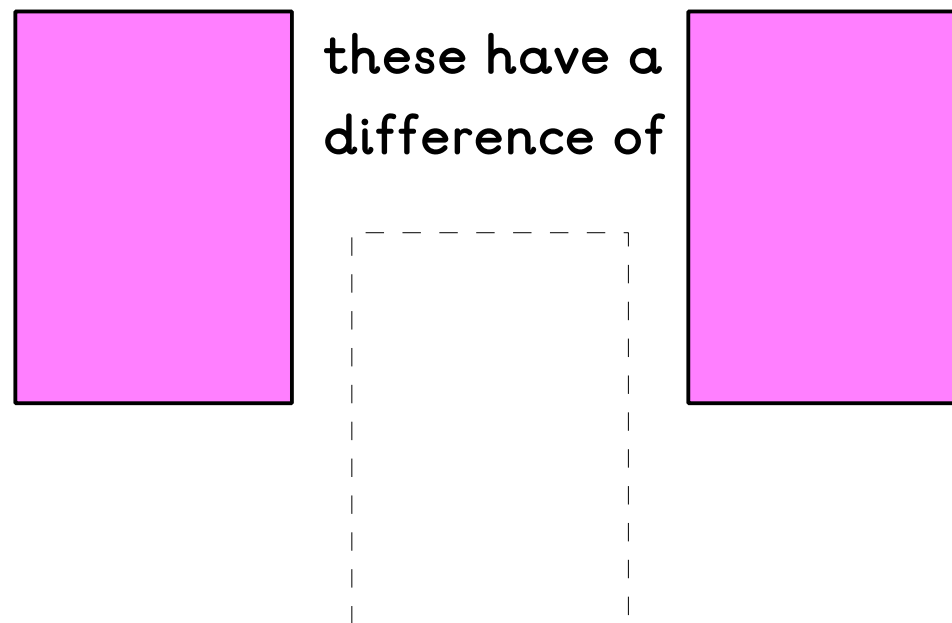
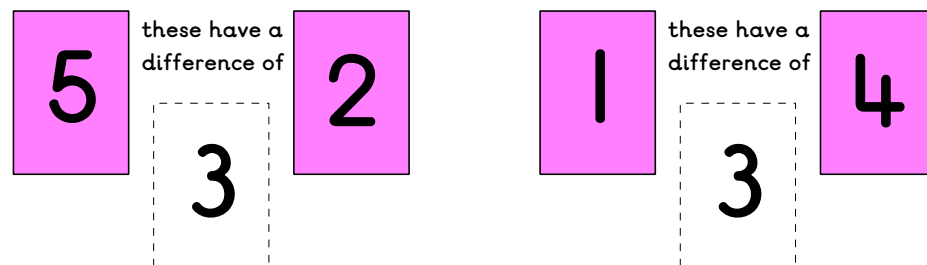


# —Differences -1—

You need one set of small number cards.

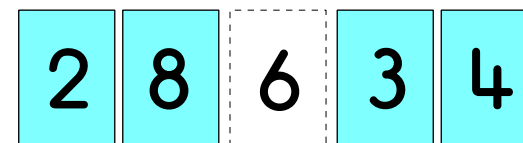
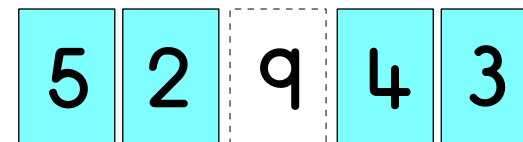
- Place a 3 in the dotted box.
- Place two cards in the shaded boxes so that the difference between them is 3. Two ways to do it are shown.
- Use the number cards to find all the ways to make the difference 3. Record each one.
- Place a 2 in the dotted box.
- Now find all the ways to make the difference 2. Record each one.
- Find all the ways to make a difference of 4. Record each one.
- Try it with some differences of your own.
- Try it with two sets of number cards.



## —Differences - 2—

You need one set of small number cards.

- Choose one number card and place it in the dotted box.
- Make two 2-digit numbers with some of the other cards. The difference between your numbers must be the same as the card in the centre.
- Two examples are shown on the right.
- Find as many ways as you can to make two numbers with your difference.
- Record each one.
- Try it with two sets of number cards.

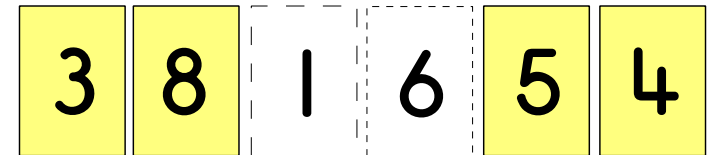


|  |  |  |  |  |
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|  |  |  |  |  |
|--|--|--|--|--|

## Differences - 3

You need one set of small number cards.

- Place a small, 2-digit number in the dotted box below.
  - Make two 2-digit numbers with some of the other cards. The difference between your two numbers must be the same as number in the centre.
  - One example is shown on the right.
  - Find as many ways as you can to make two numbers with your difference. Record each one.
  - Try other 2-digit numbers.
- |   |   |   |   |   |   |
|---|---|---|---|---|---|
| 3 | 8 | 1 | 6 | 5 | 4 |
|---|---|---|---|---|---|



## A Challenge

- Find the largest 2-digit number which can be placed in the centre. Record your solution.