

Subtraction to 20 Cards

Printing:

These can be printed on ordinary $8\frac{1}{2}$ " by 11" paper, but if you expect to use them often it is much better to purchase card or cover stock. This heavier tag comes in several weights. These will be easier to use and will stand up to handling. This card stock will go through most printers. Card/cover stock comes in colours, too - and this makes the cards look more interesting. Cut the cards apart on the lines.

Ideas for use:

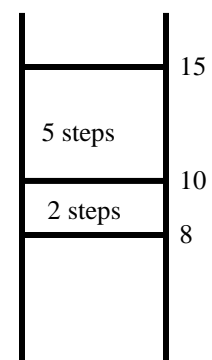
- It is important that the student can form the equations with objects. In other words, if a card that says $12 - 5 =$ the child should be able to show 12 things, take 5 things away and count how many left to complete the equation. After this has been thoroughly learned, then the questions should be answered without the objects - the child should be able to 'see' that 12 minus 5 equals 7. Use the words 'minus' and 'equals'.
- The cards can be flashed and the student simply give the answer.
- Sort the cards and put the cards that have the same answer together - for example, find all the cards that equal 2.
- You can mix the cards and ask the questions orally.

Ideas for teaching the subtraction facts

- When subtracting 9, pretend it is 10.
Subtract 10 and add 1. For example, if the question is $15 - 9$, pretend it is $15 - 10$ which equals 5 and add 1 to make 6.
 - When subtracting 8, pretend it is 10.
Subtract 10 and add 2. For example, if the question is $14 - 8$, pretend it is $14 - 10$ which equals 4 and add 2 to make 6.
- Or..... To put it a different way, continue the pattern - subtract 10 and add the partner for 10.

- Here is an similar 'trick' for the kids to use.
If the problem is $15 - 8$: draw a ladder with 3 rungs. The bottom rung would be labelled 8, the middle 10 and the top 15.
The children know that it is 2 steps from 8 to 10, and 5 steps from 10 to 15, so $2 + 5 = 7$.
One more: $12 - 7$ bottom step 7, middle step 10, top step 12
 $3 + 2 = 5$

As children usually find subtraction more difficult than addition, this can make the process easier. Not all children will use this - some will 'see' the answers without the tricks and some will simply memorize the answers.



$11 - 2 =$

$11 - 3 =$

$11 - 4 =$

$11 - 5 =$

$11 - 6 =$

$11 - 7 =$

$11 - 8 =$

$11 - 9 =$

$12 - 3 =$

$12 - 4 =$

$12 - 5 =$

$12 - 6 =$

$12 - 7 =$

$12 - 8 =$

$12 - 8 =$

$13 - 4 =$

$13 - 5 =$

$13 - 6 =$

$13 - 7 =$

$13 - 8 =$

$13 - 9 =$

$14 - 5 =$

$14 - 6 =$

$14 - 7 =$

$14 - 8 =$

$14 - 9 =$

$15 - 6 =$

$15 - 7 =$

$15 - 8 =$

$15 - 9 =$

$16 - 7 =$

$16 - 8 =$

$$16 - 9 =$$

$$17 - 8 =$$

$$17 - 9 =$$

$$18 - 9 =$$