

يمكنك الحصول على جميع الملفات من أوراق عمل وامتحانات ومذكرات وملخصات لجميع الصفوف وجميع المواد الخاصة بالمنهاج الإماراتي من خلال الرابط التالي

<https://www.almanahj.com>

كما يمكنك الحصول على جميع الملفات لجميع الفصول عبر تحميل تطبيق المناهج من خلال الرابط التالي:

<https://play.google.com/store/apps/details?id=com.almanahj.UAEapplication>

يمكنك الحصول على جميع الروابط الخاصة بمجموعات المناهج الإماراتية على مواقع التواصل الاجتماعي واتساب وفيسبوك وتلغرام من خلال الدخول على الرابط التالي:


<http://t.me/almanahj>

Chapter 4 Review - Subtraction Strategies to 20

1 - Count Back 1, 2 or 3

You must be able to count backwards to use this strategy. 10, 9, 8, 7, 6, 5, 4, 3, 2, 1

You can **count back** to subtract.
Start with 6. Count back 2.



6, 5, 4

6 - 2 = 4

Helpful Hint
Count back and take away cubes from the train. Write the numbers.

Count back to subtract. Use  to help.

1. Start with 8.

8, _____, _____, _____

$$8 - 3 = \underline{\quad}$$

2. 7, _____

$$7 - 1 = \underline{\quad}$$

3. 4, _____, _____

$$4 - 2 = \underline{\quad}$$

4. 12, _____, _____

$$12 - 2 = \underline{\quad}$$

5. 10, _____, _____, _____

$$10 - 3 = \underline{\quad}$$

2 - Use a Number Line to Subtract

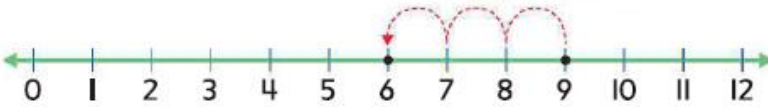
You must start at the first number in the sum, and jump back how many you want to subtract.

In the exam, you must make the jumps on the number line, as well as writing the answer - you may be awarded a mark for each jump.

You can use a number line to subtract.

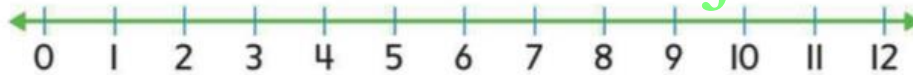
$9 - 3 = \underline{6}$

Helpful Hint
Start at 9. Count back 3 to find the difference. 9, 8, 7, 6.



Use the number line to help you subtract.

Write the difference.



5. $\begin{array}{r} 8 \\ - 3 \\ \hline \end{array}$

6. $\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$

7. $\begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$

8. $\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$

9. $\begin{array}{r} 7 \\ - 1 \\ \hline \end{array}$

10. $\begin{array}{r} 11 \\ - 3 \\ \hline \end{array}$

11. $12 - 1 = \underline{\quad}$

12. $9 - 2 = \underline{\quad}$

13. $10 - 1 = \underline{\quad}$


14. $11 - 2 = \underline{\quad}$

3 - Use Doubles to Subtract

You must know your doubles facts to be able to use them for subtraction.


$1 + 1 = 2$	$2 + 2 = 4$	$3 + 3 = 6$	$4 + 4 = 8$	$5 + 5 = 10$
$6 + 6 = 12$	$7 + 7 = 14$	$8 + 8 = 16$	$9 + 9 = 18$	$10 + 10 = 20$

You know how to use doubles facts to add.


 $4 + 4 = 8$

Helpful Hint
Think $4 + 4 = 8$,
so $8 - 4 = 4$.

You can also use doubles facts to subtract.


 $8 - 4 = 4$

Add the doubles facts. Then subtract.

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5. $10 + 10 = \underline{\quad}$

$20 - 10 = \underline{\quad}$

6. $4 + 4 = \underline{\quad}$

$8 - 4 = \underline{\quad}$

7.
$$\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 8 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 6 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ - 6 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 5 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 5 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ - 9 \\ \hline \end{array}$$

4 - Problem Solving - Write a Number Sentence

Listen to the problem and decide what you need to subtract. Complete the sentence with the correct symbols for minus (-) and equals (=). Always show your working (the subtraction sentence) and write your final answer in the correct place.

There are 11 children building sand castles on the beach.
3 of the children go home.
How many children are still building sand castles?



1 Understand Underline what you know.
Circle what you need to find.

2 Plan How will I solve the problem?

3 Solve I will...

_____ ○ _____ ○ _____ children

4 Check Is my answer reasonable? Explain.

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$$11 - 3 = 8 \quad 8 \text{ children}$$

Underline what you know. Circle what you need to find.
Write a subtraction number sentence to solve.

1. There are 9 flamingos in the water.
5 flamingos get out. How many flamingos are still in the water?



_____ ○ _____ ○ _____ flamingos

2. 13 stingrays are swimming together.
4 of them swim away. How many stingrays are still swimming together?

_____ ○ _____ ○ _____ stingrays

5 - Make 10 to Subtract

You must know your friends to 10 to be able to use this strategy.

$1 + 9 = 10$	$2 + 8 = 10$	$3 + 7 = 10$	$4 + 6 = 10$	$5 + 5 = 10$
$9 + 1 = 10$	$8 + 2 = 10$	$7 + 3 = 10$	$6 + 4 = 10$	$10 + 0 = 10$

To subtract, first take apart a number to make a 10. Then subtract.

$16 - 9$

$16 - 6 = 10$

$10 - 3 = 7$

So, $16 - 9 = 7$.

Helpful Hint
Think $16 - 6 = 10$.
So, break apart 9 as 6 and 3.

$16 - 6 = 10$ and
 $10 - 3 = 7$

Use  and . Take apart the number to make a 10. Then subtract.

3. $17 - 9$

$17 - \underline{\quad} = \underline{\quad}$

$\underline{\quad} - \underline{\quad} = \underline{\quad}$

So, $17 - 9 = \underline{\quad}$.

4. $12 - 8$

$12 - \underline{\quad} = \underline{\quad}$

$\underline{\quad} - \underline{\quad} = \underline{\quad}$

So, $12 - 8 = \underline{\quad}$.

5. $11 - 5$

$11 - \underline{\quad} = \underline{\quad}$

$\underline{\quad} - \underline{\quad} = \underline{\quad}$

So, $11 - 5 = \underline{\quad}$.

6. $14 - 7$

$14 - \underline{\quad} = \underline{\quad}$

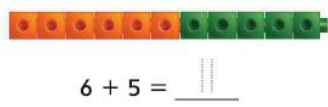
$\underline{\quad} - \underline{\quad} = \underline{\quad}$

So, $14 - 7 = \underline{\quad}$.

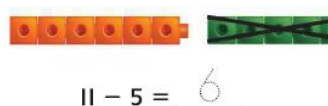
6 - Use Related Facts to Add and Subtract

You must understand that every addition has 2 related subtractions. For the subtractions, always start with the biggest number.

Related facts use the same numbers.
These facts can help you add and subtract.
Find $11 - 5$.



$6 + 5 = 11$



$11 - 5 = 6$

Helpful Hint
Use $6 + 5 = 11$ to
find $11 - 5 = 6$.

Use related facts to add and subtract.

1. $5 + 9 = \underline{\quad}$

$14 - 5 = \underline{\quad}$

2. $9 + 5 = \underline{\quad}$

$14 - 9 = \underline{\quad}$

3. $6 + 5 = \underline{\quad}$

$11 - 6 = \underline{\quad}$

4. $9 + 9 = \underline{\quad}$

$18 - 9 = \underline{\quad}$

5.
$$\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 8 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 8 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ - 8 \\ \hline \end{array}$$

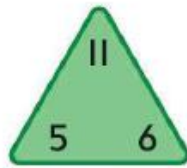
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7 - Fact Families

Fact families are made up of three numbers that are related through addition and subtraction. In each family there are two addition sums, that equal the biggest number, and in the subtraction sums, you begin with the biggest number both times.

See and Show

Related facts make a **fact family**.



$5 + 6 = \boxed{11} \quad 11 - 5 = \boxed{6}$


$6 + 5 = \boxed{11} \quad 11 - 6 = \boxed{5}$


Helpful Hint


5, 6, and 11 are a fact family.

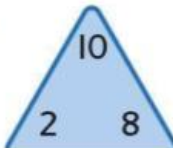
Add and subtract.

Complete the fact family.

4.  $9 + 3 = \boxed{}$ $12 - 9 = \boxed{}$
 $3 + 9 = \boxed{}$ $12 - 3 = \boxed{}$

5.  $3 + 5 = \boxed{}$ $8 - 3 = \boxed{}$
 $5 + 3 = \boxed{}$ $8 - 5 = \boxed{}$

6.  $6 + 9 = \boxed{}$ $15 - 9 = \boxed{}$
 $9 + 6 = \boxed{}$ $15 - 6 = \boxed{}$

7.  $2 + 8 = \boxed{}$ $10 - 2 = \boxed{}$
 $8 + 2 = \boxed{}$ $10 - 8 = \boxed{}$

8 - Missing Addends

You must know how fact families (no.7) work to be able to use this strategy.

See and Show

Mathematical
Practices

Use related facts to help you find a **missing addend**.

Part	Part
7	5
Whole	
12	

$$7 + 5 = 12$$

$$12 - 7 = 5$$

Helpful Hint

To find the missing part, subtract the known part from the whole.

So, 5 is the missing addend.

Find the missing addend.

3. $9 + \square = 18$

$$18 - 9 = \square$$

4. $\square + 6 = 14$

$$14 - 6 = \square$$

5. $\square + 8 = 15$

$$15 - 8 = \square$$

6. $5 + \square = 11$

$$11 - 5 = \square$$