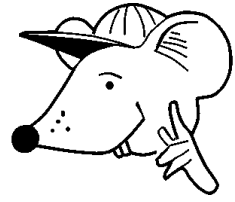


MATHEMATICS



N.S. Yr. 2 P.19

Rounding a number to the nearest ten.

Equipment

Number line useful.

MathSphere

© MathSphere P.O. Box 1234 Worthing BN13 2UJ www.mathsphere.co.uk

Concepts

In Year 2 children will be introduced to the concept of rounding. At first this will only be done with numbers up to about 40 and rounding to a whole ten.

Number lines are very useful as it can be seen very easily which whole ten the number is nearest to.

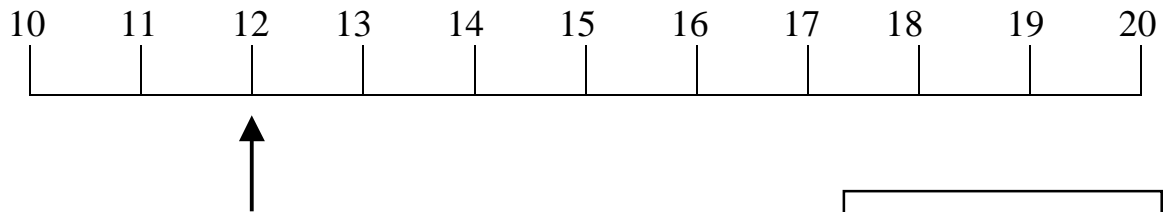
The key to rounding to the nearest ten is to look at the units -
if they are 5 or more then round up,
if they are less than 5, then round down.

In mathematics any number which is exactly half way between two tens will be rounded up.

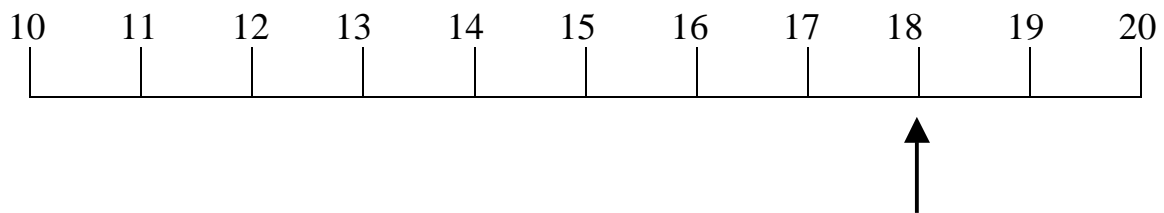
Eg 25 will be rounded to 30, to the nearest whole ten.

Some children get confused with the expression, "rounding down" and make the tens column one less, rather than keeping it the same - watch out for this.
(eg a child asked to round 34 to the nearest ten might 'round down' to 20 rather than the correct answer of 30).

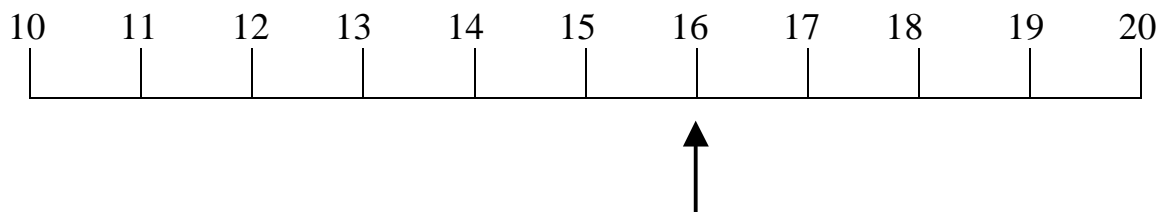
This problem can usually be solved by concentrating on asking: which whole ten is the number nearest to?

Rounding to the nearest ten

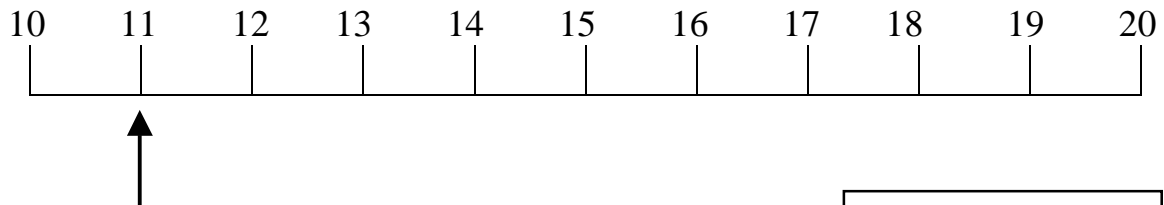
1. Is 12 nearer to 10 or 20 ?



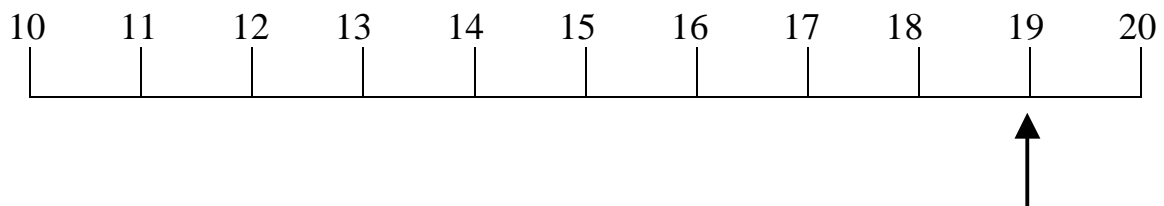
2. Is 18 nearer to 10 or 20 ?



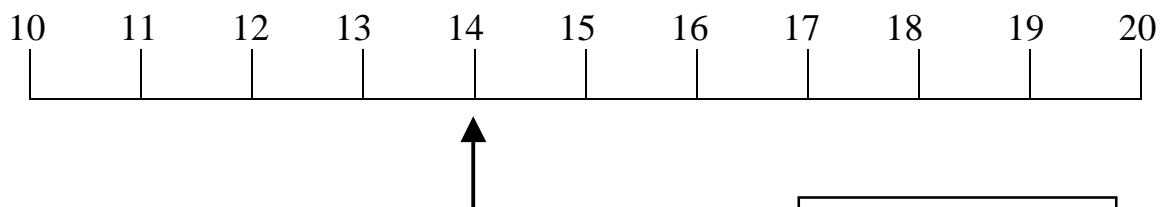
3. Is 16 nearer to 10 or 20 ?

Rounding to the nearest ten

1. Is 11 nearer to 10 or 20 ?



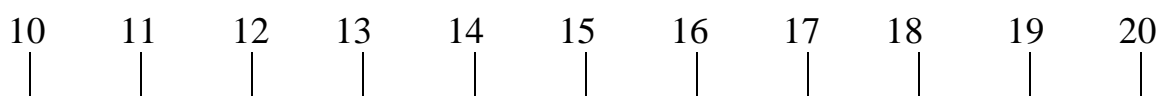
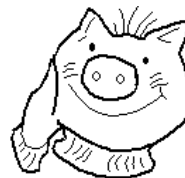
2. Is 19 nearer to 10 or 20 ?



3. Is 14 nearer to 10 or 20 ?

Rounding to the nearest ten

Round these numbers
to the nearest 10



1. 17

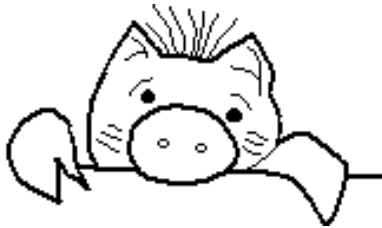
2. 12

3. 19

4. 13

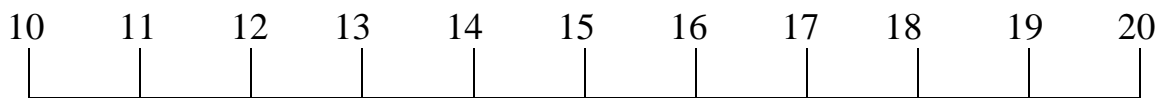
5. 18

6. 16

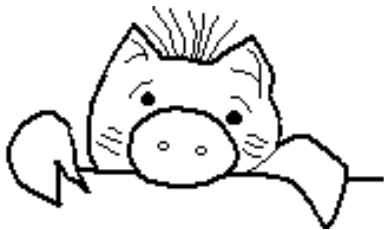
Rounding to the nearest ten

What about 15 ?

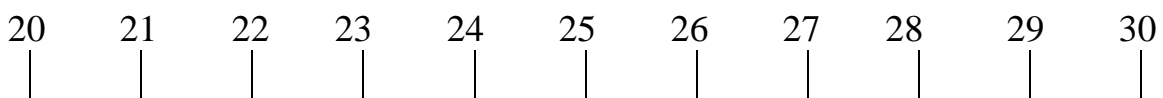
It's half way.



15 is half way between 10 and 20.



In maths we always round up when a number is half way between two tens. So, we round 15 up to 20.

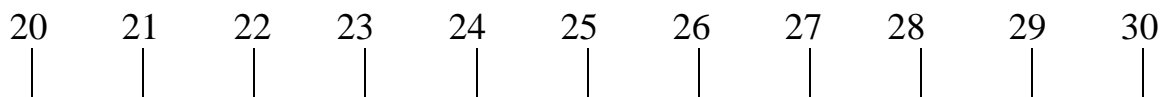


1. Round 25 to the nearest whole 10.

2. Now round 35 to the nearest whole 10.

Rounding to the nearest ten

Round these numbers
to the nearest 10



1. Round 23 to the nearest 10.

2. Round 28 to the nearest 10.

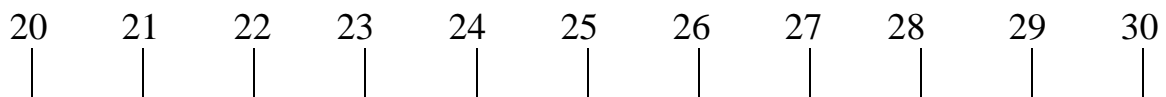
3. Round 21 to the nearest 10.

4. Round 25 to the nearest 10.

5. Round 20 to the nearest 10.

Rounding to the nearest ten

Round these numbers
to the nearest 10



1. Round 29 to the nearest 10.

2. Round 24 to the nearest 10.

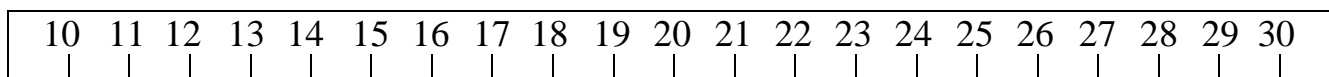
3. Round 22 to the nearest 10.

4. Round 27 to the nearest 10.

5. Round 26 to the nearest 10.

Rounding to the nearest ten

Try rounding these
numbers to the nearest
whole ten:



1. 23

2. 17

3. 25

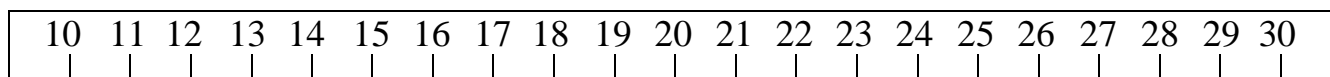
4. 11

5. 16

6. 28

Rounding to the nearest ten

Try rounding these
numbers to the nearest
whole ten:



1. 14

2. 26

3. 29

4. 15

5. 22

6. 24

Answers**Page 3****1. 10 2. 20 3. 20****Page 4****1. 10 2. 20 3. 10****Page 5****1. 20 2. 10 3. 20 4. 10 5. 20 6. 20****Page 6****1. 30 2. 40****Page 7****1. 20 2. 30 3. 20 4. 30 5. 20****Page 8****1. 30 2. 20 3. 20 4. 30 5. 30****Page 9****1. 20 2. 20 3. 30 4. 10 5. 20 6. 30****Page 10****1. 10 2. 30 3. 30 4. 20 5. 20 6. 20**