

Websites to practise addition and subtraction facts

End of Grade Three expectations:

3.N.10. Determine addition facts and related subtraction facts (to 18)

- Describe a mental mathematics strategy that could be used to determine a given basic fact, such as
 - doubles (e.g., for $6 + 8$, think $7 + 7$)
 - doubles plus one (e.g., for $6 + 7$, think $6 + 6 + 1$)
 - doubles take away one (e.g., for $6 + 7$, think $7 + 7 - 1$)
 - doubles plus two (e.g., for $6 + 8$, think $6 + 6 + 2$)
 - doubles take away two (e.g., for $6 + 8$, think $8 + 8 - 2$)
 - making 10 (e.g., for $6 + 8$, think $6 + 4 + 4$ or $8 + 2 + 4$)
 - commutative property (e.g., for $3 + 9$, think $9 + 3$)
 - addition to subtraction (e.g., for $13 - 7$, think $7 + ? = 13$)
- Provide a rule for determining answers for adding and subtracting zero.
- Recall doubles to 18 and related subtraction facts.
- Recall compatible number pairs for 5 and 10.

from http://www.edu.gov.mb.ca/k12/cur/math/framework_k-8/grade3.pdf

Before offering your child to visit these websites, please make sure that you are available to discuss with your child when playing the games, asking questions like:

- How do you know?
- How did you get your answer?
- Which strategy did you use?
- Are you sure?
- Etc.

Remember that counting by 1 (like using fingers) is not a mental math strategy!

All strategies listed above have been introduced and practised in previous grades.

Please note that Grade Three students are expected to become comfortable with numbers up to $9 + 9$; some games are using smaller numbers.

Thank you for your support.

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Making 10 (no discussion needed!)

<http://www.coolmath-games.com/0-math-lines/index.html>

http://www.ictgames.com/save_the_whale_v4.html

Addition facts (ask your child: How do you know?)

http://www.aaastudy.com/g3_26ax1.htm#section3

<http://www.ictgames.com/spacejumps.html>

http://www.aaastudy.com/g3_26ax1.htm#section2

<http://www.oswego.org/ocsd-web/games/SumSense/sumadd.html>

<http://www.oswego.org/ocsd-web/games/Mathmagician/mathsadd.html>

<http://www.fun4thebrain.com/addition/dinodigadd.html>

<http://www.fun4thebrain.com/addition/snowmanadd.html>

<http://www.aplusmath.com/Games/HiddenPicture/HiddenPicture.php>

http://www.sheppardsoftware.com/mathgames/fruitshoot/fruitshoot_addition.htm (levels)

For experts only!

<http://www.jeux-fille.fr/jeux-divers-pour-filles/jeux-de-mathematiques-addition.html>

Relation between addition and subtraction

http://www.aaastudy.com/g34a_ix1.htm (click Play then you get 3 options)

Subtraction facts (ask your child: How do you know?)

http://www.aaastudy.com/g3_18dx1.htm (click Play then you get 3 options)

<http://www.oswego.org/ocsd-web/games/SumSense/sumsub.html>

<http://www.oswego.org/ocsd-web/games/Mathmagician/mathssub.html>

<http://www.dositey.com/2008/addsub/Mystery4.htm#s>

<http://www.abc.net.au/countusin/games/game8.htm>

<http://www.aplusmath.com/Games/HiddenPicture/HiddenPicture.php?gametype=Subtraction>

http://www.sheppardsoftware.com/mathgames/fruitshoot/fruitshoot_subtraction.htm (levels)

Addition and subtraction facts (ask your child: How do you know?)

<http://www.aplusmath.com/Flashcards/index.html>

<http://www.teachingtreasures.com.au/maths/mental-maths/yr1-maths-pg1.htm>

<http://www.factmonster.com/math/flashcards.html>

Info for parents

<http://www.district87.org/staff/conroyd/100%20addition%20fact%20strategies%20v2a.pdf>

<http://www.eduplace.com/math/mathsteps/1/a/>

<http://www.csd.k12.nh.us/~lstua/addition%20subtraction%20facts/>

<http://www.plpsd.mb.ca/division/Rubrics/Mental%20Math%20Strategies.pdf>