N3

**Demonstrate an understanding of factors and multiples by:**

-determining multiples and factors of numbers less than 100

-identifying prime and composite numbers

-solving problems involving multiples

(The websites below are for all 3 sections)

1. **Factors**

**Go over pages 63 and 64**

**Page 65 - Practice questions 1-8**

**Page 66 - Practice questions 9-11**

* **See a teacher for a check-up sheet**

1. **Multiples**

**Go over pages 55 and 56**

**Page 56-57 – Practice questions 1-6, 9, 11**

**Page 58 - #12 (may need a calculator), #13**

* **See a teacher for a check-up quiz on “Factors and Multiples”**

1. **Prime and Composite Numbers**

**Go over pages 59-60**

**Define “prime numbers” and “composite numbers” in your notebook**

**Page 61 – Practice questions 1 – 8**

**Page 62 – Practice questions 10, 11, 12, 14, 15**

**See your teacher for a check up.**

**(You are now ready for your N1 – N3 test!)**

Videos

<https://www.youtube.com/watch?v=G0wIJ4qhQW4>

<https://www.youtube.com/watch?v=4TTg8o2tEfg>

<https://www.youtube.com/watch?v=vqYhXDFuF0M>

Games

<https://www.nctm.org/Classroom-Resources/Illuminations/Interactives/Factor-Game/>

<http://www.hoodamath.com/games/factorfeeder.html>

<https://www.helpingwithmath.com/resources/games/target_factors01/not_factor.html>

**Multiples**

Videos

<https://www.youtube.com/watch?v=CuqicUMzmYw>

<https://www.youtube.com/watch?v=rUrLuTMq-sw>

<https://www.youtube.com/watch?v=Sn9Iy2rK-wg>

Games

<http://www.abcya.com/number_ninja_multiples.htm>

<https://www.mathplayground.com/multiples.html>

<http://www.sheppardsoftware.com/mathgames/multiple/multiple_frenzy.htm>

Multiple and Factors Review Videos

<https://www.youtube.com/watch?v=1oQTriXR_Iw>

<https://www.youtube.com/watch?v=wsvf1RGo8mg>

<https://www.khanacademy.org/math/pre-algebra/pre-algebra-factors-multiples/pre-algebra-factors-mult/e/identifying-factors-and-multiples>

**Prime and Composite Numbers**

Video

<https://www.youtube.com/watch?v=TXDyU5f5WR8>

<https://www.youtube.com/watch?v=jpMYfW9XziU>

<https://www.youtube.com/watch?v=1qAc22WxsWA>

<https://www.khanacademy.org/math/pre-algebra/pre-algebra-factors-multiples/pre-algebra-prime-numbers/v/recognizing-prime-numbers>

Games

<http://www.sheppardsoftware.com/mathgames/numbers/fruit_shoot_prime.htm>

<https://www.helpingwithmath.com/resources/games/4oa4-prime-composite01/4oa4-prime-composite01.htm>

<http://www.sheppardsoftware.com/mathgames/monkeydrive/numbers/MDPrimeNumbers.htm>

<http://www.xpmath.com/forums/arcade.php?do=play&gameid=60>

<https://www.mathnook.com/math/math-transport-prime-composite.html>

**Prime Factorization**

[**https://www.bing.com/videos/search?q=creating+factor+trees&&view=detail&mid=F93008F6EBBB1D9384FCF93008F6EBBB1D9384FC&&FORM=VRDGAR**](https://www.bing.com/videos/search?q=creating+factor+trees&&view=detail&mid=F93008F6EBBB1D9384FCF93008F6EBBB1D9384FC&&FORM=VRDGAR)

[**https://www.bing.com/videos/search?q=creating+factor+trees&&view=detail&mid=0045DDB56B284C606F7A0045DDB56B284C606F7A&&FORM=VRDGAR**](https://www.bing.com/videos/search?q=creating+factor+trees&&view=detail&mid=0045DDB56B284C606F7A0045DDB56B284C606F7A&&FORM=VRDGAR)