Christ the Teacher Grade 4 Screener D1 KEY 



How do you feel about Math? Circle one

Recall: We can represent a number several ways

|  |  |  |
| --- | --- | --- |
| Standard Form | Expanded form | Word form |
| 6 458 | 6000 + 400 + 50 + 8 | six thousand four hundred fifty-eight |

|  |
| --- |
| 1) Write the number **14** in word form . Fourteen |
| N2.1 *Representing Number* |
| 2) Write$700 + 60+2$ in standard form. 762 |  3) Write the number **nine hundred thirty-seven**in standard form.937 |
| N3.1 *Representing Number* | N3.1 *Representing Number* |
| 4) How many? 11 | 5) How much is **2** morethan **10**?12 |
| N 2.1 *Representing Number* | N2.2 *Adding* |
| 6) What whole number is represented here? 364https://www.teacherfiles.com/clipart/place_value/PV-100.jpghttps://www.teacherfiles.com/clipart/place_value/PV-100.jpghttps://www.teacherfiles.com/clipart/place_value/PV-100.jpghttps://www.teacherfiles.com/clipart/place_value/PV-01A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-01A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-01A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-01A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-10A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-10A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-10A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-10A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-10A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-10A.jpg | 7) Write the value of the underlined digit.  Five hundred or 5 hundred   **526** If the student writes “500” have them say or write the word  |
| N 3.1 *Representing Number* | N3.1*Place value* |
| 8) Draw 9 cookies, some on each plate, any way you like. Any decomposition of 9white plate clip art 10cm | This clipart-style image has bee… | Flickrwhite plate clip art 10cm | This clipart-style image has bee… | Flickr |
| N 2.1 *Representing Number, decomposing* |
| Dogs: Sheltie pups under a blanket photo WP183169) Mitsy has 8 puppies. I see 2 puppies. How many more puppies are under the blanket? 6 | 10)What number is the double of 6? 12 |
| N 2.2 *Addition* | N 2.2 *Addition* |
| 11) Add https://www.teacherfiles.com/clipart/place_value/PV-10A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-10A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-10A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-10A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-01A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-01A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-01A.jpg=https://www.teacherfiles.com/clipart/place_value/PV-10A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-01A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-01A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-01A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-01A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-01A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-01A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-01A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-01A.jpghttps://www.teacherfiles.com/clipart/place_value/PV-01A.jpg + |
| N 2.2 *Addition* |
| 12) Fill in the boxes of this piece of the hundreds chart. |
| N3.1 *Missing Values in Hundreds Chart* |
| 13) Order these numbers from **least** to **greatest.** **104** **738** **279****751**  104 279 738 751 |
| N 3.1*Place Value* |
| 14) Fill in the blanks (Continue the pattern). **754, 764, 774, 784,** 794, 804 , 814 |
| N3.1 *Place Value* |
|  15) How much money? $1.85 or a dollar eighty-fivequarternickelnickelnickeldimequarterlooniedime | 16) Add.  $58 + 0 =$58 |
| N3.1 *Whole numbers (money)*  | *N 3.2 Addition with zero* |
| 17) Skip count by 3. \_\_3\_\_ 6 9 12 15 |
| N3.1 *Whole numbers* |
| 18) Skip count by 10 starting at 22. \_\_22­­\_ 32 42 52 62 72 |
| N3.1 *Whole numbers* |
| 19) Add.  $41+17 =$58  | 20) Subtract. Students can use an algorithm if they choose$ 58-22 =$ **36** |
| N2.2 *Add* | N 2.2 *Subtract* |
| 21) Estimate the sum of the following.  Show your strategy.   $ 795 + 112$800 + 100 = 900 IF a student calculates an answer but is unable to estimate, the item is incorrect  | 22) Add. $341+201 =$542 |
| N3.2*Estimation* | N3.2 *Add (no regrouping)* |
| 23) Add.   **452****+ 381**  | 24) Subtract.  **381** **- 163** |
| N3.2 *Add (regrouping)* | N3.2 *Subtract (No regrouping)* |
| 25) Subtract. $ $ 53Students can use an algorithm if they choose | 26) Rewrite $6+6+6+6$ as a multiplication sentence.4X6 = 24 or 6X4 = 24 If they just put 4X6 or 6X 4 that’s correct |
| N3. *Subtract (Regrouping)* | N 3.3 Multiplication as repeated addition |
| 27) $5 × 3 = 15$Write the related division sentence. 15$÷$ 3 = 5 or 15 $÷ $5 = 3 | 28) Multiply. $ 3 × 4 =$12 |
| N 3.3 *Relating multiplication and division* | N3.3 *Multiplication* |
| 29) Multiply.$3 × 6=$18  | 30) Divide.$ 50 ÷ 5=$10 |
| N3.3 *Multiplication facts* | N3.3 *Division facts* |
| 31) Divide.$21 ÷ 3 = $7 | 32) What multiplication sentence could this array represent?5 X 4 = 20 Or4 x 5 = 20 |
| N3.3 *Division* | N 3.3 *Representing Multiplication, array* |
| 33) What division sentence does this array represent?18 $÷$3= 6or 18$÷ $6 = 3 | 34)  **Estimate.** $$785 + 114$$800 - 100 = 700IF a student calculates an answer but is unable to estimate, the item is incorrect |
| N3.3 *Representing Division, array* | N3.2 *Estimate sums* |
| 35) Name the fraction. $\frac{2}{5}$ | 36) There are 16 triangles. Circle $\frac{7}{16}$. any 7, even individually circled is correct |
| N 3.4 *Representing fraction* | N3.4 *Fraction* |
| 37) There are 20 crayons to be shared equally by 5 students. How many crayons can each student get? 4 each |
| N 3.3 *Division with remainder using model* |
| 38) Shade **three-fifths** of this chocolate bar. | 39) **3****8** Draw a picture to show .  |
| N 3.4 *Fraction* | N 4.6 *Fraction* |
| One of the most common, and recognizable symbols used is the Medicine Wheel.  The belief is t… | Medicine wheel, Native american medicine wheel,  Indigenous education40) What fraction of this medicine wheel is white? $\frac{1}{4}$ | 41) Insert either **<** , **>**, or  **=** between these two fractions. **7****9****3****9** |
| N3.4 *Fraction* | N3.4 *Fraction, compare* |
| 42) Circle the larger fraction.$\frac{3}{4}$$\frac{3}{10}$ | 43) What fraction of these items is ball gloves? $\frac{3}{7}$ |
| N3.4 *Fraction, compare* | N 3.4 *Fraction of a set* |
| 44) Extend the pattern   |
| P2.1 *Patterns* |
| 45)  How many blocks are in the next figure? 15 |
| P3.1 *Patterns* |
| 46) What number does the circle represent? $-6$ **= 11 17** | 47) What number does the triangle represent?  **6 + = 14 8** |
| P3.2 *Equations* | P3.2 *Equations* |
| 48) What day of the week is March 9? Thursday |
| SS *3.1 Time* |
| 49) How long is this goose feather? 9 cm cm |
| SS2.1, SS3.2 *Measuring* |