

Sprint Test (Grade 2-3)

Name:	Correct:	× 5 =
Grade:	Incorrect:	× -1 =
Teacher:	Scorer's Initials _____ Scorer's Initials _____	Total =

- Each correct answer carries 5 points and incorrect loses 1.
- No penalty for skipped question.
- Choose the "Letter A or B or C or D or E" for the answer.
- Choose E only if you cannot determine a uniquely correct answer among A, B, C and D.

1. What is $5 - 10 + 15 - 20 + 25$? A. 15 B. 25 C. 10 D. 0 E. Other	
2. What is $1 \times 2 \times 3 \times 4 \times 5$? A. 80 B. 100 C. 60 D. 120 E. Other	
3. Compute $15 + 3 \times 4$ A. 22 B. 27 C. 30 D. 72 E. Other	
4. What is the sum of largest one digit positive integer and smallest three digit positive integer? A. 102 B. 900 C. 909 D. 110 E. Other	
5. Compute $(55 \div 5) - (22 \div 11)$ A. -12 B. 9 C. 11 D. 13 E. Other	
6. There are a few cows and 5 hens in a farm. Jane counted the number of legs as 30 legs. How many cows are there in that farm? A. 6 B. 10 C. 5 D. 8 E. Other	
7. What is the missing number in this series plus the smallest number in this series? 90, 80, 70, 60, __, 40, 30? A. 50 B. 120 C. 80 D. 140 E. Other	
8. Alex's age is 7. His father's age is 28 more than that of Alex. In 10 years what would be his father's age? A. 45 B. 38 C. 35 D. 42 E. Other	
9. If one apple is equal to 3 oranges, 15 oranges equal to 4 pomegranate. How many pomegranate you can get if you exchange 20 apples? A. 14 B. 16 C. 20 D. 12 E. Other	

<p>10. Lava divided a certain number by 4 instead of multiplying it by 4. As a result she got 100. What would the result have been if she hadn't made that mistake?</p> <p>A. 400 B. 1000 C. 40 D. 1600 E. Other</p>	
<p>11. What is the area of a square with length 5?</p> <p>A. 20 B. 25 C. 16 D. 15 E. Other</p>	
<p>12. How many even integers are there between 11 and 49?</p> <p>A. 19 B. 20 C. 21 D. 18 E. Other</p>	
<p>13. Three consecutive numbers are add up to 39. What is the largest of these numbers?</p> <p>A. 13 B. 15 C. 12 D. 11 E. Other</p>	
<p>14. Jay is younger than Willie, but older than Kazumi. Maya is younger than Kazumi, but older than Sasha. Who is the oldest of them all?</p> <p>A. Maya B. Jai C. Willie D. Sasha E. Other</p>	
<p>15. Xie is celebrating her birthday on Sunday, Oct 1. She is 36 days older than her friend Bella. On which day of the week will Bella celebrate her birthday?</p> <p>A. Sunday B. Monday C. Saturday D. Tuesday E. Other</p>	
<p>16. Jose is standing in the line to purchase a soccer ticket. He counted 25 people behind him, and 19 people in front of him. How many people are in the line?</p> <p>A. 44 B. 43 C. 46 D. 45 E. Other</p>	
<p>17. TH Rogers played 10 soccer games in the last season. They won 6 games, lost 2 and drew 3. If each win will have 3 points, draw will have 1 point and loss will have -1 point, how many points did TH Rogers get at the end of the season?</p> <p>A. 16 B. 17 C. 19 D. 20 E. Other</p>	
<p>18. The duck, Venus, had 10 more ducklings than her neighbor, Duck Kate. But last night 6 eggs hatched at both households, and now Venus has twice as many baby ducklings as Diana. How many ducklings did the duck, Venus, have yesterday?</p> <p>A. 14 B. 16 C. 20 D. 18 E. Other</p>	
<p>19. The probability of an event, x, is defined as the number of outcomes favorable to "x" divided by the total number of equally likely outcomes. What is the probability of picking a red marble from a container, which has 3 red marbles and 6 blue marbles?</p> <p>A. $\frac{1}{2}$ B. $\frac{3}{6}$ C. $\frac{3}{9}$ D. $\frac{1}{3}$ E. Other</p>	
<p>20. In a three digit number, ABC, the first digit, A, is greater than the second digit, B. The last digit, C, is three times the first digit, A, and the number ABC is divisible by 9. Which of the following could be the number ABC?</p> <p>A. 126 B. 216 C. 329 D. 369 E. Other</p>	

Number Sense Qualifying Test (Grade 2-3)

Name:	Correct:	× 4 =
Grade:	Incorrect:	× -2 =
Teacher:	Scorer's Initial _____ Scorer's initial _____	Total:

1.	11 + 13 =	14.	3 × 1 + 2 × 100 + 3 × 0 =
2.	Which of the following is smallest: 8.00, 8.01, 8.10? = _____	15.	Find the remainder when 25 is divided by 4 =
3.	Write "Forty-six" using digits =	16.	2 + 4 + 6 + 8 =
4.	73 + 57 =	17.	How many odd numbers are there between 10 and 30? _____
5.	8 × 9 =	18.	110 - 11 = _____
6.	43 + 99 =	19.	12 × 15 =
7.	11 + _____ = 29	20.*	(estimate) 153 + 87 - 47 = _____
8.	27 - 16 =	21.	66 × 12 = _____
9.	Round 5322 to the nearest ten:	22.	Which is larger? 4×6, 2×9, 3×7 =
10.*	(estimate) 53 + 101 + 78 =	23.	12 quarters plus 8 dimes = \$
11.	6 - 4 + 7 - 3 =	24.	55 × 55 = _____
12.	240 × 3 =	25.	152 - 55 = _____
13.	71 is how many more than 47? _____	26.	752.573 = _____ (rounded to the tenth)

27.	$8 \times 12 + 16 =$ _____	39.	$231 \div 11 =$ _____
28.	One pen costs \$0.55. Six pens cost a total of \$ _____.	40.*	(estimate) $41 \times 440 =$ _____.
29.	$456 + 654 =$ _____.	41.	What is ones' or unit digit of 356.73 = _____.
30.*	(estimate) $11\pi =$ _____ (integer).	42.	$12 + 12 = 8 \times$ _____.
31.	$135 \div 9 \times 2 =$ _____	43.	$.12 \times 8 =$ _____ (decimal).
32.	$48 \times 5 =$ _____	44.	What is the average value of the numbers 5, 4 and 9? _____.
33.	$282 \div 3 =$ _____.	45.	$\sqrt{81} =$ _____.
34.	The remainder of $496 \div 3$ is _____.	46.	If $a = 2$, then $5a + 4 =$ _____.
35.	$-(-(-6) - 4(-3)) =$ _____.	47.	$1 + 3 + 5 + 7 =$ _____.
36.	What is the area of a rectangle with a length of 8 and a width of 11? _____	48.	XIV = _____ (Arabic Numeral).
37.	$2 \times 5 \times 50 =$ _____	49.	What is the perimeter of a square with side length 3? _____.
38.	What is the difference of largest even two digit number and largest odd one digit number?	50.*	(estimate) $5 \times 5 \times 4 \times 9 \times 9 =$ _____.

ANSWER KEYS TO 2-3 GRADE SPRINT TEST

[A detailed explanation for answers will be uploaded later. Watch out our website]

1	A	6	C	11	B	16	D
2	D	7	C	12	A	17	C
3	B	8	A	13	E (14)	18	A
4	E (109)	9	B	14	C	19	D
5	B	10	D	15	B	20	B

ANSWER KEYS TO 2-3 GRADE NUMBER SENSE TEST

Every 10th problem, marked with ‘*’, is an estimation problem. That means, the answer has to be an integer and it should be within the range of $\pm 5\%$ of the original answer; hence [95% of original – 105% of original].

Please refer <http://mathleague.org/nsrules.php> for more number sense rules.

1	24	11	6	21	792	31	30	41	6
2	8.00	12	720	22	4×6	32	240	42	3
3	46	13	24	23	\$3.80	33	94	43	.96
4	130	14	203	24	3025	34	1	44	6
5	72	15	1	25	97	35	-18	45	9
6	142	16	20	26	752.6	36	88	46	14
7	18	17	10	27	112	37	500	47	16
8	11	18	99	28	\$3.30	38	89	48	14
9	5320	19	180	29	1110	39	21	49	12
10*	[221 - 244]	20*	[184 - 203]	30*	[33 - 36]	40*	[17138-18942]	50*	[7695 - 8505]