Directed Number, Place Value and Rounding, Sequences

Year 7 Term 1

Directed Number

Q: Numbers that are below zero are called …	A: Negative Numbers
Q: Which number is the larger one −3 *or* − 5	A: −3
Q: How far is −4 from zero	A: 4
Q: Between which two integers does −2.5 lie?	A: -2 and -3
Q: Will the calculation given cross zero −3 + 5	A: Yes
Q: ____ and ____ are a zero pair	A: -4 and 4
Q: Calculate −3 + 5	A: 2
Q: Calculate −3 − 5	A: −8
Q: Calculate −3 + −5	A: −8
Q: Will the answer to this be positive or negative −5 + 3	A: Negative
Q: Will the answer to this be positive or negative −5 × −3	A: Positive
Q: Calculate 3 × −5	A: −15
Q: Calculate −3 × −5	A:15

Place Value and Rounding

Q: How many tenths are in one whole	A: 10
Q: Write the number 65 tenths in numerals	A: 6.5
Q: Write the number four thousand and sixty-three	A: 4063
Q: What is the value of the 3 in the number 2356	A: Three hundreds
Q: What is the value of the 3 in the number of 12.356	A: Three tenths
Q: What is the mathematical term for a whole number	A: Integer
Q: Fill in the blank 0.8 is _____ 0.79	A: More than
Q: 3.74 lies between which two numbers with 1 decimal place…	A: 3.7 and 3.8
Q: Round 3245 to the nearest ten	A: 3250
Q: Round 23 406 to the nearest hundred	A: 23 400
Q: Round 32.416 to 1 decimal place	A: 32.4
Q: Round 7.5981 to 2 decimal places	A: 7.60

Sequences

Q: A list of items in a given order, usually following a rule is called a …	A: Sequence
Q: A linear sequence has a …	A: Common difference
Q: A sequence that starts 3, 7, 11, 15 has a term-to-term rule of ….	A: Add four
Q: A sequence where the next term is found by adding the previous two terms is called a ... Sequence.	A: Fibonacci
Q: The next term in the sequence 5, 9, 14, 20, … is	A: 27
Q: A linear sequence can also be called an …. sequence	A: Arithmetic
Q: In the sequence 18, 20, 22, 24, … the 3rd term is..	A: 22
Q: A sequence that starts 2, 20, 200, … has a term-to-term rule is …	A: Multiply 10