Learning Through Doing - Multiplication Basic Facts – Masterclass Check-Up – Response checklist (Page 1 of 2) Class:

LEARNING THROUGH DOING	**Incorrect** – 3 (focus on count of stars)	**Incorrect** – 6 (focus on total no. of stars)	**Correct** – 2	**Incorrect** – Option 1 (3 + 4) additive	**Incorrect** – Option 3 (4 x 3) reversed	**Correct** – Option 2 (3 x 4)	**Incorrect** – 6 (Additive Thinking. Counting the marks between including start mark	**Incorrect** – 4 (Multiplicative thinking but looked at number OF jumps instead of number IN EACH jump	**Correct** – 5	**Incorrect** – 8 (Count of cupcakes shown)	**Incorrect** - 10 (Number of extra cupcakes needed to fill the box	**Incorrect** – 15 (Some multiplicative thinking as 5 needed in each row and 3 rows	**Correct** – 18 (3 rows of 6 cupcakes)	**Incorrect** – Option 2 (3 threes) Saw equal groups but not 2 groups. Focus on same no	**Incorrect** – Option 4 (1 five) – symmetry?	**Partially Correct** – Chose 1 correct option – either Option 1 (2x1) or Option 3 (2x3)	**Correct** – Option 1 (2x1) and Option 3 (2x3)	**Incorrect** – Additive thinking - shade 3 spaces and 9 spaces separately	**Incorrect** - any array not 3x9.	**Incorrect** – Attempted to shade 9 rows of 3	**Correct** – Shaded 3 rows of 9 spaces	**Incorrect** – Option 2: 2x12 (Includes the total so some multiplicative thinking used)	**Incorrect** – Option 3: 6x6 (Confusing repeated addition and multiplication format)	**Incorrect** –Option 5: 2+6 (Additive thinking)	**Partially Correct** – chose only 1 of the 2 correct options	**Correct** – 6+6 AND 6x2	**Incorrect** – Option 1: 5+8 (Additive representation using the same numbers)	**Incorrect** – Option 3: 5+5+5+5+5 (5 fives not 5 eights)	**Partially Correct** – Chose 1 of the 3 correct responses	**Partially Correct** – Chose 2 of the 3 correct responses	**Correct** - Half Of 10x8 Basic Fact Strategy), 8x5 (Commutative principle), 8+8+8+8+8 (Repeated addition link)
Question Number / Student Name	1	1	1	2	2	2	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	7	8	8	8	8	8

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LEARNING THROUGH DOING	**Incorrect** – Option 3: 4+3 (Additive representation using the same numbers)	**Incorrect** – Option 5: Double 3 (recognition of Double strategy but 2x strategy not 4x)	**Partially Correct** – Chose 1 of the 3 correct responses	**Partially Correct** – Chose 2 of the 3 correct responses	**Correct** – 3+3+3+3 (Repeated addition,Double Double 3 (4x Basic Fact Strategy and 3x4 (Commutative Principle)	**Incorrect** – Double 6 (A Basic fact strategy but not for this fact)	**Incorrect** – 7+7+7+7 (5 sevens instead of 6 sevens thinking 6x7 commutative fact)	**Partially Correct** – Chose 1 of the 3 correct responses	**Partially Correct** – Chose 2 of the 3 correct responses	**Correct** – 5x6+2x6 (7x strategy) and 8x6–1x6 (7x strategy) and Double 3x7 (Commutative principle and 6x strategy)	Record Count of **1x facts incorrect**	Record Count of **2x facts incorrect**	Record Count of **3x facts incorrect**	Record Count of **4x facts incorrect**	Record Count of **5x facts incorrect**	Record Count of **6x facts incorrect**	Record Count of **7x facts incorrect**	Record Count of **8x facts incorrect**	Record Count of **9x facts incorrect**	Record Count of **10x facts incorrect**	**Notes**
Question Number / Student Name	9	9	9	9	9	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	