

Name: _____ Class: _____

1. Chain rule formula

2. $\frac{d}{dx} \cos 3x = \dots$

3. $\int \sin 3x \, dx = \dots$

4. $\frac{d}{dx} \ln(2x - 5) = \dots$

5. $\int \frac{3}{12x - 1} \, dx = \dots$

6. $\int \cos 3x \, dx = \dots$

7. Quotient rule formula

8. $\int e^{3x+4} \, dx = \dots$

9. $\frac{d}{dx} \sin 3x = \dots$

10. Product rule formula

Marking Column

For each question, colour the circle for a correct answer.

| | |
|-------|---|
| Q | ✓ |
| 1. | ○ |
| 2. | ○ |
| 3. | ○ |
| 4. | ○ |
| 5. | ○ |
| 6. | ○ |
| 7. | ○ |
| 8. | ○ |
| 9. | ○ |
| 10. | ○ |
| Score | |
| Time | |