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# PRIMITIV

TABLE–SELECTION GAME

Select one or more correct answers for each of the questions in the test and press the Finish button at the end. The answers will be validated automatically.



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Choose the correct primitive function on $(0;\infty)$:

| | | | | |
|---|---|---|---|---|
| 1. $\int \left(x^3 - \frac{x}{2}\right) \mathrm{d}x$ | ☐ | ☐ | ☐ | ☐ |
| 2. $\int \left(\frac{5}{2}x^4 + \frac{1}{x^2}\right) \mathrm{d}x$ | ☐ | ☐ | ☐ | ☐ |
| 3. $\int (3\sin x - 2\cos x)\,\mathrm{d}x$ | ☐ | ☐ | ☐ | ☐ |
| 4. $\int \left(4x^3 + 3x^2 - 5x^4\right) \mathrm{d}x$ | ☐ | ☐ | ☐ | ☐ |
| 5. $\int \left(\frac{1}{\sqrt{x}} - 2\sin x\right) \mathrm{d}x$ | ☐ | ☐ | ☐ | ☐ |
| 6. $\int \left(\sqrt[3]{x} + \sqrt[5]{x}\right) \mathrm{d}x$ | ☐ | ☐ | ☐ | ☐ |