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NAME: \_\_\_\_\_

After You Read



## What Is Energy?

1. Put a check mark (✓) next to the answer that is most correct.

a) All of these words describe forms of energy, *except*.

- A chemical  
 B electrical  
 C material  
 D thermal

b) Which of these kinds of energy travels in the form of waves?

- A chemical  
 B kinetic  
 C potential  
 D sound

c) How does an object gain potential energy?

- A by melting  
 B by gaining speed  
 C by cooling to a lower temperature  
 D by being raised above the ground

2. Fill in each blank with a word from the list. One word will be left over.

thermal heat	waves mechanical	chemical electrical
-----------------	---------------------	------------------------

- a) \_\_\_\_\_ energy travels through wires.  
 b) \_\_\_\_\_ energy is in the motion of particles.  
 c) Light energy travels in \_\_\_\_\_.  
 d) Kinetic and potential are the two kinds of \_\_\_\_\_ energy.  
 e) When thermal energy moves to another place, it is called \_\_\_\_\_.



## Adding mixed numbers

### Grade 6 Fraction Worksheet

Find the sums:

1.  $3\frac{4}{5} + 7\frac{5}{11} =$  \_\_\_\_\_

2.  $4\frac{10}{12} + 6\frac{5}{6} =$  \_\_\_\_\_

3.  $17\frac{3}{4} + 13\frac{1}{3} =$  \_\_\_\_\_

4.  $15\frac{2}{12} + 16\frac{3}{11} =$  \_\_\_\_\_

5.  $20\frac{4}{8} + 14\frac{1}{6} =$  \_\_\_\_\_

6.  $18\frac{2}{6} + 8\frac{7}{9} =$  \_\_\_\_\_

7.  $3\frac{2}{10} + 8\frac{8}{10} =$  \_\_\_\_\_

8.  $12\frac{3}{6} + 16\frac{3}{6} =$  \_\_\_\_\_

9.  $1\frac{5}{7} + 11\frac{5}{9} =$  \_\_\_\_\_

10.  $14\frac{6}{9} + 17\frac{3}{7} =$  \_\_\_\_\_

### Quiz 1

Name: \_\_\_\_\_

- A plane takes off at 11:20am and lands at 2:48pm. How long was the flight?
- Five tickets cost £62.50. How much would you have to pay for seven tickets?
- A piece of ribbon is 2 meters long. 16 girls need ribbon for their hair. If you cut the ribbon evenly, how much ribbon would each girl get?
- Dad had £100. He gave  $\frac{1}{5}$  of the money to his son and  $\frac{1}{4}$  to his daughter. Who got the most money? How much money did dad have left?
- A pencil costs £1.12, an eraser costs £1.28. If you bought two pencils and three erasers and paid with a £10 note, how much change would you get?
- An apartment block has eight floors. On each floor there are four apartments. Three people live in every apartment. How many people live in the building?
- $\frac{1}{4}$  of an amount of money is £3.75. What is the full amount?
- Jack finished his homework at 3:15. It took him 2 hours and 25 minutes to complete it. What time did he start at?
- A farmer has 60 animals.  $\frac{1}{3}$  of them are sheep, 10 are ducks and the rest are cows. How many sheep and cows does he have? What fraction of his animals are ducks?
- Dad shares £90 equally between his eight children. How much money will each child get?



1. **Introduction**

2. **Background**

3. **Methodology**

4. **Results**

5. **Discussion**

6. **Conclusion**

7. **References**

8. **Appendix**

9. **Index**

10. **Summary**

11. **Abstract**

12. **Introduction**

13. **Background**

14. **Methodology**

15. **Results**

16. **Discussion**

17. **Conclusion**

18. **References**

19. **Appendix**

20. **Index**

21. **Summary**

22. **Abstract**

23. **Introduction**

24. **Background**

25. **Methodology**

26. **Results**

27. **Discussion**

28. **Conclusion**

29. **References**

30. **Appendix**

31. **Index**

32. **Summary**

33. **Abstract**

34. **Introduction**

35. **Background**

36. **Methodology**

37. **Results**

38. **Discussion**

39. **Conclusion**

40. **References**

41. **Appendix**

42. **Index**

43. **Summary**

44. **Abstract**

45. **Introduction**

46. **Background**

47. **Methodology**

48. **Results**

49. **Discussion**

50. **Conclusion**

51. **References**

52. **Appendix**

53. **Index**

54. **Summary**

55. **Abstract**

56. **Introduction**

57. **Background**

58. **Methodology**

59. **Results**

60. **Discussion**

61. **Conclusion**

62. **References**

63. **Appendix**

64. **Index**

65. **Summary**

66. **Abstract**

67. **Introduction**

68. **Background**

69. **Methodology**

70. **Results**

71. **Discussion**

72. **Conclusion**

73. **References**

74. **Appendix**

75. **Index**

76. **Summary**

77. **Abstract**

78. **Introduction**

79. **Background**

80. **Methodology**

81. **Results**

82. **Discussion**

83. **Conclusion**

84. **References**

85. **Appendix**

86. **Index**

87. **Summary**

88. **Abstract**

89. **Introduction**

90. **Background**

91. **Methodology**

92. **Results**

93. **Discussion**

94. **Conclusion**

95. **References**

96. **Appendix**

97. **Index**

98. **Summary**

99. **Abstract**

100. **Introduction**

101. **Background**

102. **Methodology**

103. **Results**

104. **Discussion**

105. **Conclusion**

106. **References**

107. **Appendix**

108. **Index**

109. **Summary**

110. **Abstract**

111. **Introduction**

112. **Background**

113. **Methodology**

114. **Results**

115. **Discussion**

116. **Conclusion**

117. **References**

118. **Appendix**

119. **Index**

120. **Summary**

121. **Abstract**

122. **Introduction**

123. **Background**

124. **Methodology**

125. **Results**

126. **Discussion**

127. **Conclusion**

128. **References**

129. **Appendix**

130. **Index**

131. **Summary**

132. **Abstract**

133. **Introduction**

134. **Background**

135. **Methodology**

136. **Results**

137. **Discussion**

138. **Conclusion**

139. **References**

140. **Appendix**

141. **Index**

142. **Summary**

143. **Abstract**

144. **Introduction**

145. **Background**

146. **Methodology**

147. **Results**

148. **Discussion**

149. **Conclusion**

150. **References**

151. **Appendix**

152. **Index**

153. **Summary**

154. **Abstract**

155. **Introduction**

156. **Background**

157. **Methodology**

158. **Results**

159. **Discussion**

160. **Conclusion**

161. **References**

162. **Appendix**

163. **Index**

164. **Summary**

165. **Abstract**

166. **Introduction**

167. **Background**

168. **Methodology**

169. **Results**

170. **Discussion**

171. **Conclusion**

172. **References**

173. **Appendix**

174. **Index**

175. **Summary**

176. **Abstract**

177. **Introduction**

178. **Background**

179. **Methodology**

180. **Results**

181. **Discussion**

182. **Conclusion**

183. **References**

184. **Appendix**

185. **Index**

186. **Summary**

187. **Abstract**

188. **Introduction**

189. **Background**

190. **Methodology**

191. **Results**

192. **Discussion**

193. **Conclusion**

194. **References**

195. **Appendix**

196. **Index**

197. **Summary**

198. **Abstract**

199. **Introduction**

200. **Background**

201. **Methodology**

202. **Results**

203. **Discussion**

204. **Conclusion**

205. **References**

206. **Appendix**

207. **Index**

208. **Summary**

209. **Abstract**

210. **Introduction**

211. **Background**

212. **Methodology**

213. **Results**

214. **Discussion**

215. **Conclusion**

216. **References**

217. **Appendix**

218. **Index**

219. **Summary**

220. **Abstract**

221. **Introduction**

222. **Background**

223. **Methodology**

224. **Results**

225. **Discussion**

226. **Conclusion**

227. **References**

228. **Appendix**

229. **Index**

230. **Summary**

231. **Abstract**

232. **Introduction**

233. **Background**

234. **Methodology**

235. **Results**

236. **Discussion**

237. **Conclusion**

238. **References**

239. **Appendix**

240. **Index**

241. **Summary**

242. **Abstract**

243. **Introduction**

244. **Background**

245. **Methodology**

246. **Results**

247. **Discussion**

248. **Conclusion**

249. **References**

250. **Appendix**

251. **Index**

252. **Summary**

253. **Abstract**

254. **Introduction**

255. **Background**

256. **Methodology**

257. **Results**

258. **Discussion**

259. **Conclusion**

260. **References**

261. **Appendix**

262. **Index**

263. **Summary**

264. **Abstract**

265. **Introduction**

266. **Background**

267. **Methodology**

268. **Results**

269. **Discussion**

270. **Conclusion**

271. **References**

272. **Appendix**

273. **Index**

274. **Summary**

275. **Abstract**

276. **Introduction**

277. **Background**

278. **Methodology**

279. **Results**

280. **Discussion**

281. **Conclusion**

282. **References**

283. **Appendix**

284. **Index**

285. **Summary**

286. **Abstract**

287. **Introduction**

288. **Background**

289. **Methodology**

290. **Results**

291. **Discussion**

292. **Conclusion**

293. **References**

294. **Appendix**

295. **Index**

296. **Summary**

297. **Abstract**

298. **Introduction**

299. **Background**

300. **Methodology**

301. **Results**

302. **Discussion**

303. **Conclusion**

304. **References**

305. **Appendix**

306. **Index**

307. **Summary**

308. **Abstract**

309. **Introduction**

310. **Background**

311. **Methodology**

312. **Results**

313. **Discussion**

314. **Conclusion**

315. **References**

316. **Appendix**

317. **Index**

318. **Summary**

319. **Abstract**

320. **Introduction**

321. **Background**

322. **Methodology**

323. **Results**

324. **Discussion**

325. **Conclusion**

326. **References**

327. **Appendix**

328. **Index**

329. **Summary**

330. **Abstract**

331. **Introduction**

332. **Background**

333. **Methodology**

334. **Results**

335. **Discussion**

336. **Conclusion**

337. **References**

338. **Appendix**

339. **Index**

340. **Summary**

341. **Abstract**

342. **Introduction**

343. **Background**

344. **Methodology**

345. **Results**

346. **Discussion**

347. **Conclusion**

348. **References**

349. **Appendix**

350. **Index**

351. **Summary**

352. **Abstract**

353. **Introduction**

354. **Background**

355. **Methodology**

356. **Results**

357. **Discussion**

358. **Conclusion**

359. **References**

360. **Appendix**

361. **Index**

362. **Summary**

363. **Abstract**

364. **Introduction**

365. **Background**

366. **Methodology**

367. **Results**

368. **Discussion**

369. **Conclusion**

370. **References**

371. **Appendix**

372. **Index**

373. **Summary**

374. **Abstract**

375. **Introduction**

376. **Background**

377. **Methodology**

378. **Results**

379. **Discussion**

380. **Conclusion**

381. **References**

382. **Appendix**

383. **Index**

384. **Summary**

385. **Abstract**

386. **Introduction**

387. **Background**

388. **Methodology**

389. **Results**

390. **Discussion**

391. **Conclusion**

392. **References**

393. **Appendix**

394. **Index**

395. **Summary**

396. **Abstract**

397. **Introduction**

398. **Background**

399. **Methodology**

400. **Results**

401. **Discussion**

402. **Conclusion**

403. **References**

404. **Appendix**

405. **Index**

406. **Summary**

407. **Abstract**

408. **Introduction**

409. **Background**

410. **Methodology**

411. **Results**

412. **Discussion**

413. **Conclusion**

414. **References**

415. **Appendix**

416. **Index**

417. **Summary**

418. **Abstract**

419. **Introduction**

420. **Background**

421. **Methodology**

422. **Results**

423. **Discussion**

424. **Conclusion**

425. **References**

426. **Appendix**

427. **Index**

428. **Summary**

429. **Abstract**

430. **Introduction**

431. **Background**

432. **Methodology**

433. **Results**

434. **Discussion**

435. **Conclusion**

436. **References**

437. **Appendix**

438. **Index**

439. **Summary**

440. **Abstract**

441. **Introduction**

442. **Background**

443. **Methodology**

444. **Results**

445. **Discussion**

446. **Conclusion**

447. **References**

448. **Appendix**

449. **Index**

450. **Summary**

451. **Abstract**

452. **Introduction**

453. **Background**

454. **Methodology**

455. **Results**

456. **Discussion**

457. **Conclusion**

458. **References**

459. **Appendix**

460. **Index**

461. **Summary**

462. **Abstract**

463. **Introduction**

464. **Background**

465. **Methodology**

466. **Results**

467. **Discussion**

468. **Conclusion**

469. **References**

470. **Appendix**

471. **Index**

472. **Summary**

473. **Abstract**

474. **Introduction**

475. **Background**

476. **Methodology**

477. **Results**

478. **Discussion**

479. **Conclusion**

480. **References**

481. **Appendix**

482. **Index**

483. **Summary**

484. **Abstract**

485. **Introduction**

486. **Background**

487. **Methodology**

488. **Results**

489. **Discussion**

490. **Conclusion**

491. **References**

492. **Appendix**

493. **Index**

494. **Summary**

495. **Abstract**

496. **Introduction**

497. **Background**

498. **Methodology**

499. **Results**

500. **Discussion**

501. **Conclusion**

502. **References**

503. **Appendix**

504. **Index**

505. **Summary**

506. **Abstract**

507. **Introduction**

508. **Background**

509. **Methodology**

510. **Results**

511. **Discussion**

512. **Conclusion**

513. **References**

514. **Appendix**

515. **Index**

516. **Summary**

517. **Abstract**

518. **Introduction**

519. **Background**

520. **Methodology**

521. **Results**

522. **Discussion**

523. **Conclusion**

524. **References**

525. **Appendix**

526. **Index**

527. **Summary**

528. **Abstract**

529. **Introduction**

530. **Background**

531. **Methodology**

532. **Results**

533. **Discussion**

534. **Conclusion**

535. **References**

536. **Appendix**

537. **Index**

538. **Summary**

539. **Abstract**

540. **Introduction**

541. **Background**

542. **Methodology**

543. **Results**

544. **Discussion**

545. **Conclusion**

546. **References**

547. **Appendix**

548. **Index**

549. **Summary**

550. **Abstract**

551. **Introduction**

552. **Background**

553. **Methodology**

554. **Results**

555. **Discussion**

556. **Conclusion**

557. **References**

558. **Appendix**

559. **Index**

560. **Summary**

561. **Abstract**

562. **Introduction**

563. **Background**

564. **Methodology**

565. **Results**

566. **Discussion**

567. **Conclusion**

568. **References**

569. **Appendix**

570. **Index**

571. **Summary**

572. **Abstract**

573. **Introduction**

574. **Background**

575. **Methodology**

576. **Results**

577. **Discussion**

578. **Conclusion**

579. **References**

580. **Appendix**

581. **Index**

582. **Summary**

583. **Abstract**

584. **Introduction**

585. **Background**

586. **Methodology**

587. **Results**

588. **Discussion**

589. **Conclusion**

590. **References**

591. **Appendix**

592. **Index**

593. **Summary**

594. **Abstract**

595. **Introduction**

596. **Background**

597. **Methodology**

598. **Results**

599. **Discussion**

600. **Conclusion**

601. **References**

602. **Appendix**

603. **Index**

604. **Summary**

605. **Abstract**

606. **Introduction**

607. **Background**

608. **Methodology**

609. **Results**

610. **Discussion**

611. **Conclusion**

612. **References**

613. **Appendix**

614. **Index**

615. **Summary**

616. **Abstract**

617. **Introduction**

618. **Background**

619. **Methodology**

620. **Results**

621. **Discussion**

622. **Conclusion**

623. **References**

624. **Appendix**

625. **Index**

626. **Summary**

627. **Abstract**

628. **Introduction**

629. **Background**

630. **Methodology**

631. **Results**

632. **Discussion**

633. **Conclusion**

634. **References**

635. **Appendix**

636. **Index**

637. **Summary**

638. **Abstract**

639. **Introduction**

640. **Background**

641. **Methodology**

642. **Results**

643. **Discussion**

644. **Conclusion**

645. **References**

646. **Appendix**

647. **Index**

648. **Summary**

649. **Abstract**

650. **Introduction**

651. **Background**

652. **Methodology**

653. **Results**

654. **Discussion**

655. **Conclusion**

656. **References**

657. **Appendix**

658. **Index**

659. **Summary**

660. **Abstract**

661. **Introduction**

662. **Background**

663. **Methodology**

664. **Results**

665. **Discussion**

666. **Conclusion**

667. **References**

668. **Appendix**

669. **Index**

670. **Summary**

671. **Abstract**

672. **Introduction**

673. **Background**

674. **Methodology**

675. **Results**

676. **Discussion**

677. **Conclusion**

678. **References**

679. **Appendix**

680. **Index**

681. **Summary**

682. **Abstract**

683. **Introduction**

684. **Background**

685. **Methodology**

686. **Results**

687. **Discussion**

688. **Conclusion**

689. **References**

690. **Appendix**

691. **Index**

692. **Summary**

693. **Abstract**

694. **Introduction**

695. **Background**

696. **Methodology**

697. **Results**

698. **Discussion**

699. **Conclusion**

700. **References**

701. **Appendix**

702. **Index**

703. **Summary**

704. **Abstract**

705. **Introduction**

706. **Background**

707. **Methodology**

708. **Results**

709. **Discussion**

710. **Conclusion**

711. **References**

712. **Appendix**

713. **Index**

714. **Summary**

715. **Abstract**

716. **Introduction**

717. **Background**

718. **Methodology**

719. **Results**

720. **Discussion**

721. **Conclusion**

722. **References**

723. **Appendix**

724. **Index**

725. **Summary**

726. **Abstract**

727. **Introduction**

728. **Background**

729. **Methodology**

730. **Results**

731. **Discussion**

732. **Conclusion**

733. **References**

734. **Appendix**

735. **Index**

736. **Summary**

737. **Abstract**

738. **Introduction**

739. **Background**

740. **Methodology**

741. **Results**

742. **Discussion**

743. **Conclusion**

744. **References**

745. **Appendix**

746. **Index**

747. **Summary**

748. **Abstract**

749. **Introduction**

750. **Background**

751. **Methodology**

752. **Results**

753. **Discussion**

754. **Conclusion**

755. **References**

756. **Appendix**

757. **Index**

758. **Summary**

759. **Abstract**

760. **Introduction**

761. **Background**

762. **Methodology**

763. **Results**

764. **Discussion**

765. **Conclusion**

766. **References**

767. **Appendix**

768. **Index**

769. **Summary**

770. **Abstract**

771. **Introduction**

772. **Background**

773. **Methodology**

774. **Results**

775. **Discussion**

776. **Conclusion**

777. **References**

778. **Appendix**

779. **Index**

780. **Summary**

781. **Abstract**

782. **Introduction**

783. **Background**

784. **Methodology**

785. **Results**

786. **Discussion**

787. **Conclusion**

788. **References**

789. **Appendix**

790. **Index**

791. **Summary**

792. **Abstract**

793. **Introduction**

794. **Background**

795. **Methodology**

796. **Results**

797. **Discussion**

798. **Conclusion**

799. **References**

800. **Appendix**

801. **Index**

802. **Summary**

803. **Abstract**

804. **Introduction**

805. **Background**

806. **Methodology**

807. **Results**

808. **Discussion**

809. **Conclusion**

810. **References**

811. **Appendix**

812. **Index**

813. **Summary**

814. **Abstract**

815. **Introduction**

816. **Background**

817. **Methodology**

818. **Results**

819. **Discussion**

820. **Conclusion**

821. **References**